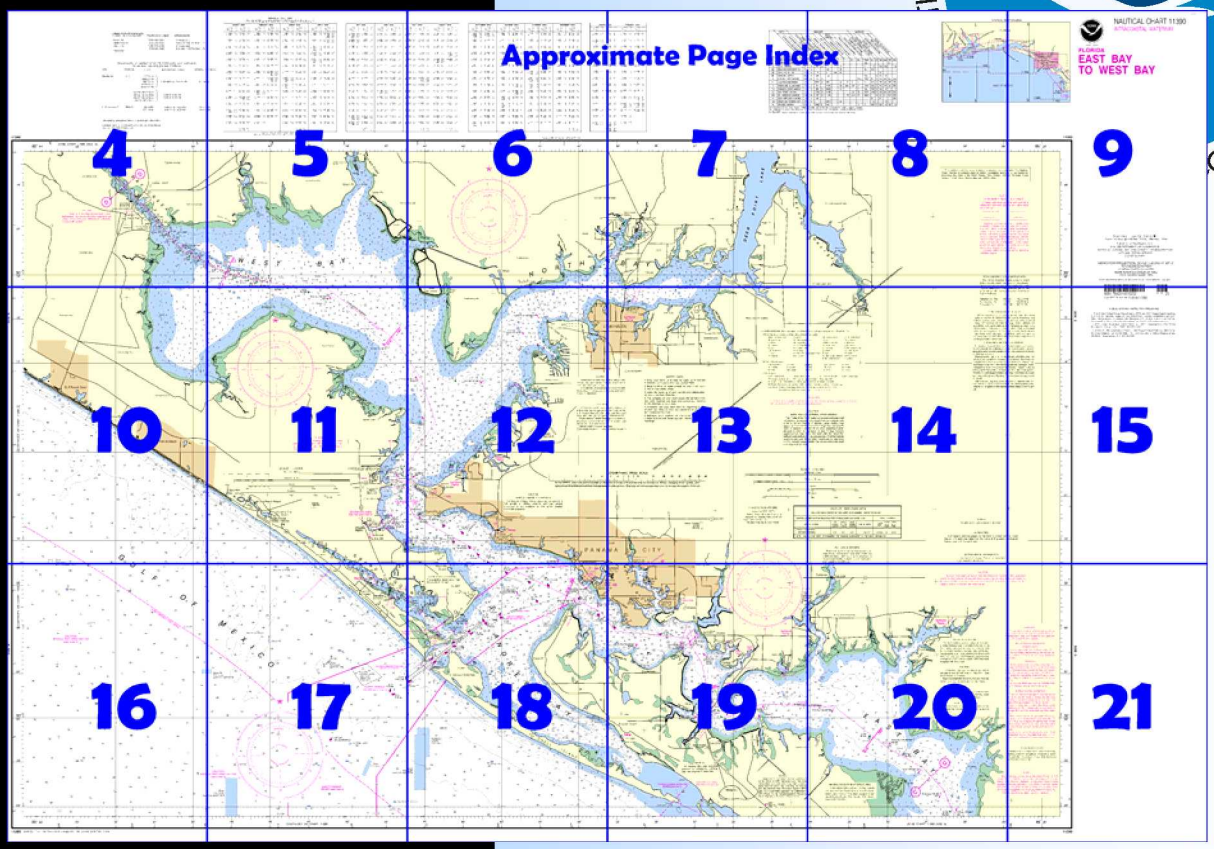
BookletChart™

East Bay to West Bay Florida

(NOAA Chart 11390)

A reduced scale NOAA nautical chart for small boaters. When possible, use the full size NOAA chart for navigation.

- ☑ *Complete, reduced scale nautical chart*
- ☑ *Print at home for free*
- ☑ *Convenient size*
- ☑ *Up to date with all Notices to Mariners*
- ☑ *United States Coast Pilot excerpts*
- ☑ *Compiled by NOAA, the nation's chartmaker.*



Home Edition (not for sale)

Published by the
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Coast Survey
www.NauticalCharts.NOAA.gov
301-713-2770

What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

What is a BookletChart™?

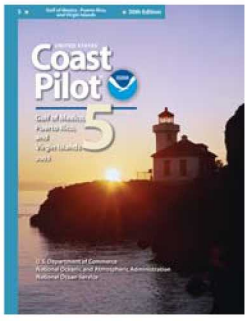
This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at http://www.NauticalCharts.NOAA.gov.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.



[Coast Pilot 5, Chapter 6 excerpts]

(144) **St. Andrew Bay**. Excellent anchorage and protection during hurricanes can be found in this nearly landlocked harbor and its tributary inlets, West, North, and East Bays. A ship channel, protected by jetties, in a land cut through **Shell Island,** forms a passage from the Gulf to St. Andrew Bay.
(145) **Panama City**. Waterborne commerce consists mainly of general cargo, paper and petroleum products, shell, steel and iron products, marine supplies, chemicals, fertilizers, and small amounts of fish.
(148) **St. Andrew Bay Entrance Lighted Whistle Buoy SA** (30°05'30"N., 85°46'24"W.) 2.2 miles SW of the entrance to the dredged channel, marks the approach.
(172) **Currents.** The strong ebb current sets outward through the dredged cut and causes heavy tide rips if the wind is S and of moderate strength. With a S or W breeze, small vessels bound in or out should endeavor to reach the entrance during flood current.
(173) **Weather.** Panama City has a pleasant subtropical climate that is occasionally interrupted by cold air outbreaks in winter and thunderstorms in summer. There is a threat of a tropical cyclone from June through November. Thunderstorms are most likely in June, July, and August when they occur on an average of 10 to 14 days per month. Peak wind gusts have been close to 70 knots in August and September. Fog is most likely late at night and during early morning hours from November through April, when visibilities drop below 0.5 mile on 5 to 8 days per month.
(179) **Panama City Coast Guard Station** is on **Alligator Bayou** opposite Dyers Point. The bayou is within a **restricted area**.
(190) **Small-craft facilities.** There are municipal yacht basins at the head of the main ship channel in Panama City and in St. Andrew. Other small-craft facilities are on Watson and Massalina Bayous, Lake Ware, and at the Hathaway Bridge near Dyers Point.
(198) **East Bay** an arm of St. Andrew Bay, extents in a general ESE direction for 18 miles. The several small towns on East Bay are of little commercial importance.
(199) **West Bay,** the NW arm of St. Andrew Bay, is generally free from dangers except for several oyster bars with depths of 5 to 8 feet over them. A small island, created by the dredging of the new Port Authority Terminal, is off Dyers Point; the island is marked by a light.

[Coast Pilot 5, Chapter 12 excerpts]

(184) Route 98 bridge crossing East Bay at **Mile 295.4E** has a clearance of 50 feet. The swing span, pivot piers, and the four spans of the old highway bridge 200 yards E have been removed; the ends of the bridge remain and are used as fishing piers.
(185) **Panama City,** at **Mile 292.3E,** is on the N side of St. Andrew Bay.
(186) Several marinas are along the E and W side of Watson Bayou, and a municipal yacht basin is on the NW side of the entrance to Massalina Bayou at **Mile 290.4E.**
(187) Opposite **Mile 285.3E,** a dredged channel leads from the waterway in **Alligator Bayou.** The depth was 20 feet to Light 4; thence the depth was 9½ feet to the end of the bayou. The channel is marked by a lighted range and lights. **Panama City Coast Guard Station** is on the SE side of the basin. The bayou is within a **restricted area.**
(188) The waterway continues through St. Andrew Bay and its NW arm, **West Bay. Hathaway Bridge** at **Mile 284.6E** has a clearance of 50 feet; part of the old highway bridge S of the bridge remains in ruins. In There are marinas near either end of the bridge at which gasoline and diesel fuel are available.
(189) **North Bay** extends in a NE direction from **Mile 282.4E.** The depths are 12 feet to the bridge at **Lynn Haven,** 5 miles above the waterway, and thence 4½ feet to a dam, 2 miles above the bridge; oyster bars in the middle of the bay with 5 to 6 feet of water over them should be avoided. State Route 77 bridge over the bay at Lynn Haven has a clearance of 18 feet. An overhead power cable with a clearance of 34 feet crosses the bay 200 yards S of the dam. Several bayous along North Bay afford anchorage for small craft.
(190) A channel with a depth of 13 feet leads from the bay into **Alligator Bayou** to the basin at the Gulf Electric Power Plant. Overhead power cables crossing North Bay 0.5 mile E of Alligator Bayou have a clearance of 45 feet. The transmission towers in the bay are reported to be unlighted and present a hazard to small craft at night.
(191) **Fannin Bayou.** Channels marked by daybeacons and dredged to 5 feet, lead through the bayou and its W, N, and E arms. The town of **Southport** is at the head of the N arm.
(192) A marina in the basin on the W side of **Mill Point** at the N end of the bridge has water, ice, limited berths and marine supplies, and a launching ramp. A depth of 7 feet was in the stake-marked channel to the basin.

Table of Selected Chart Notes

GRAND LAGOON CHANNEL
The controlling depth was 6 feet for a width of 100 feet.
Apr 2009

NOTE D
98
St. Andrew Bay east entrance channel is constantly shifting. Use new channel 7 miles NW.

PLANE COORDINATE GRID
(based on NAD 1927)
Florida State Grid, north zone, is indicated by dashed ticks at 10,000 foot intervals thus: -+-
The last three digits are omitted.

HEIGHTS
Heights in feet above Mean High Water.

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.727" northward and 0.253" eastward to agree with this chart.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

MINERAL DEVELOPMENT STRUCTURES
Obstruction lights and sound (fog) signals are required for fixed mineral development structures shown on this chart, subject to approval by the District Commander, U.S. Coast Guard (33 CFR 67).

RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

INTRACOASTAL WATERWAY
Project Depths
12 feet Carrabelle, FL to Brownsville, TX.
The controlling depths are published periodically in the U.S. Coast Guard Local Notice to Mariners.
Distances
The Waterway is indicated by a magenta line. Mileage distances shown along the Waterway are in Statute Miles, based on zero at Harvey Lock, LA, and are indicated thus: ——•——
Tables for converting Statute Miles to International Nautical Miles are given in U.S. Coast Pilot 5.
Courses are TRUE and must be CORRECTED for any variation and compass deviation.

CAUTION
Small craft should stay clear of large commercial and government vessels even if small craft have the right-of-way.

NOTE S
Regulations for Ocean Dumping Sites are contained in 40 CFR, Parts 220-229. Additional information concerning the regulations and requirements for use of the sites may be obtained from the Environmental Protection Agency (EPA). See U.S. Coast Pilots appendix for addresses of EPA offices. Dumping subsequent to the survey dates may have reduced the depths shown.

All craft should avoid areas where the skin divers flag, a red square with a diagonal white stripe, is displayed.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 5 for important supplemental information.

CAUTION
Small craft operators are warned to beware of severe water turbulence caused by large vessels traversing narrow waterways.

NOAA WEATHER RADIO BROADCASTS
The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

Panama City, FL	KGG-67	162.55 MHz
Tallahassee, FL	KIH-24	162.40 MHz
Eastpoint, FL	WWF-86	162.50 MHz

CAUTION
Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117.
Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.
Station positions are shown thus:
⊙(Accurate location) o(Approximate location)

AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

INTRACOASTAL WATERWAY
The U.S. Aids to Navigation System is designed for use with nautical charts, and the exact meaning of an aid to navigation may not be clear unless the appropriate chart is consulted.
Aids to navigation marking the Intracoastal Waterway exhibit unique yellow symbols to distinguish them from aids marking other waterways.
When following the Intracoastal Waterway westward from Carrabelle, FL to Brownsville, TX, aids with yellow triangles should be kept on the starboard side of the vessel and aids with yellow squares should be kept on the port side of the vessel.
A horizontal yellow band provides no lateral information, but simply identifies aids to navigation as marking the Intracoastal Waterway.

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

Corrected through NM Aug. 11/07, ĽNM Jul. 31/07

Corrected through NM Aug. 11/07, LNM Jul. 31/07

CAUTION
BASCULE BRIDGE CLEARANCES
For bascule bridges, whose spans do not open to a full upright or vertical position, unlimited vertical clearance is not available for the entire charted horizontal clearance.

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 5. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 8th Coast Guard District in New Orleans, LA, or at the Office of the District Engineer, Corps of Engineers in Mobile, AL.,
Refer to charted regulation section numbers.

SAFETY HINTS
1. Keep your chart up to date by applying all Notices to Mariners corrections when you receive them.
2. Read carefully all notes printed on your chart, each is vital to your safety afloat.
3. Learn the meaning of each symbol and abbreviation on your chart from Chart No. 1.
4. The compass on your chart shows the variation from true north, however you must also correct your bearing for the deviation of your boat.
5. Constantly use your chart from the beginning to end of each trip. Keep in mind the orientation of your boat with respect to the chart.
6. Maintain your position on the chart by relating charted features with those you can identify in your surroundings.

PRINT-ON-DEMAND CHARTS
NOAA and its partner, OceanGrafix, offer this chart updated weekly by NOAA for Notices to Mariners and critical corrections. Charts are printed when ordered using Print-on-Demand technology. New Editions are available 5-8 weeks before their release as traditional NOAA charts. Ask your chart agent about Print-on-Demand charts or contact NOAA at 1-800-584-4683, http://NauticalCharts.gov, help@NauticalCharts.gov, or OceanGrafix at 1-877-56CHART, http://OceanGrafix.com, or help@OceanGrafix.com.

CAUTION
WARNINGS CONCERNING LARGE VESSELS
The "Rules of the Road" state that recreational boats shall not impede the passage of a vessel that can navigate only within a narrow channel or fairway. Large vessels may appear to move slowly due to their large size but actually transit at speeds in excess of 12 knots, requiring a great distance in which to maneuver or stop. A large vessel's superstructure may block the wind with the result that sailboats and sailboards may unexpectedly find themselves unable to maneuver. Bow and stern waves can be hazardous to small vessels. Large vessels may not be able to see small craft close to their bows.

COLREGS: International Regulations for Preventing Collisions at Sea, 1972.
Demarcation lines are shown thus: — — — — —

Additional information can be obtained at nauticalcharts.noaa.gov.

AUTHORITIES
Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

MERCATOR PROJECTION, SCALE 1:40,000 AT 30°12'
SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER
North American Datum of 1983
(World Geodetic System 1984)

FACILITIES
Locations of public marine facilities are shown by large magenta numbers with leaders and refer to the facility tabulation.

NOTE X
Within the 12-nautical mile Territorial Sea, established by Presidential Proclamation, some Federal laws apply. The Three Nautical Mile Line, previously identified as the outer limit of the territorial sea, is retained as it continues to depict the jurisdictional limit of the other laws. The 9-nautical mile Natural Resource Boundary off the Gulf coast of Florida, Texas, and Puerto Rico, and the Three Nautical Mile Line elsewhere remain in most cases the inner limit of Federal fisheries jurisdiction and the outer limit of the jurisdiction of the states. The 24-nautical mile Contiguous Zone and the 200-nautical mile Exclusive Economic Zone were established by Presidential Proclamation. Unless fixed by treaty or the U.S. Supreme Court, these maritime limits are subject to modification.

CAUTION
This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at nauticalcharts.noaa.gov.

PUBLIC BOATING INSTRUCTION PROGRAMS
The United States Power Squadrons (USPS) and U.S. Coast Guard Auxiliary (USCGAUX), national organizations of boatmen, conduct extensive boating instruction programs in communities throughout the United States. For information regarding these educational courses, contact the following sources:
USPS - Local Squadron Commander or USPS Headquarters, 1504 Blue Ridge Road, Raleigh, NC 27607, 888-367-8777
USCGAUX - COMMANDER (OAX), Eighth Coast Guard District, Hale Boggs Federal Building, Suite 1126, 500 Poydras Street, New Orleans, LA 70130, 800-524-8835 or USCG Headquarters, Office of the Chief Director (G-OCX), 2100 Second Street, SW, Washington, DC 20593

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):

AERO aeronautical	G green	Mo morse code	R TR radio tower
Al alternating	IQ interrupted quick	N nun	Rot rotating
B black	Iso isophase	OBSC obscured	s seconds
Bn beacon	LT HO lighthouse	Oc occulting	SEC sector
C can	M nautical mile	Or orange	St M statute miles
DIA diaphone	m minutes	Q quick	VQ very quick
F fixed	MICRO TR microwave tower	R red	W white
Fl flashing	Mkr marker	Ra Ref radar reflector	WHIS whistle
		R Bn radiobeacon	Y yellow

Bottom characteristics:

Blds boulders	Co coral	gy gray	Oys oysters	so soft
bk broken	G gravel	h hard	Rk rock	Sh shells
Cy clay	Grs grass	M mud	S sand	sy sticky

Miscellaneous:

AUTH authorized	Obstn obstruction	PD position doubtful	Subm submerged
ED existence doubtful	PA position approximate	Rep reported	

21 Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.

PANAMA CITY HARBOR CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2009

NAME OF CHANNEL	CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)			DATE OF SURVEY	PROJECT DIMENSIONS		
	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER		WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
PANAMA CITY HARBOR ENTRANCE CHANNEL	36.0	35.4	32.1	4,9-09	450-300	1.5	38-36

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

MARINE WEATHER FORECASTS
NATIONAL WEATHER SERV CE

CITY	TELEPHONE NUMBER	OFFICE HOURS
Tallahassee, FL	(850) 942-8833	8:00 AM-5:00 PM (Mon.-Fri.)

BROADCASTS OF MARINE WEATHER FORECASTS AND WARNINGS
BY MARINE RADIOTELEPHONE STATIONS

CITY	STATION	FREQ.	BROADCAST TIMES	SPECIAL WARNING
Mobile, AL	WLO	2572 kHz 8808.8 kHz 4397.7 kHz 13178.8 kHz 22707.6 kHz	7:00 AM Noon & 6:00 PM	On receipt
		(Ch 25) 161.85 MHz (Ch 26) 161.90 MHz (Ch 27) 161.95 MHz (Ch 28) 162.0 MHz	6:00 & 11:00 AM 5:00 & 11:00 PM	
S:. Petersburg, FL	NMA-21	2670 kHz 157.1 MHz	9:20 AM & 10:20 PM 8:00 AM & 6:00 PM	*On receipt *On receipt

* Preceded by announcement on 2182 kHz and 156.8 MHz

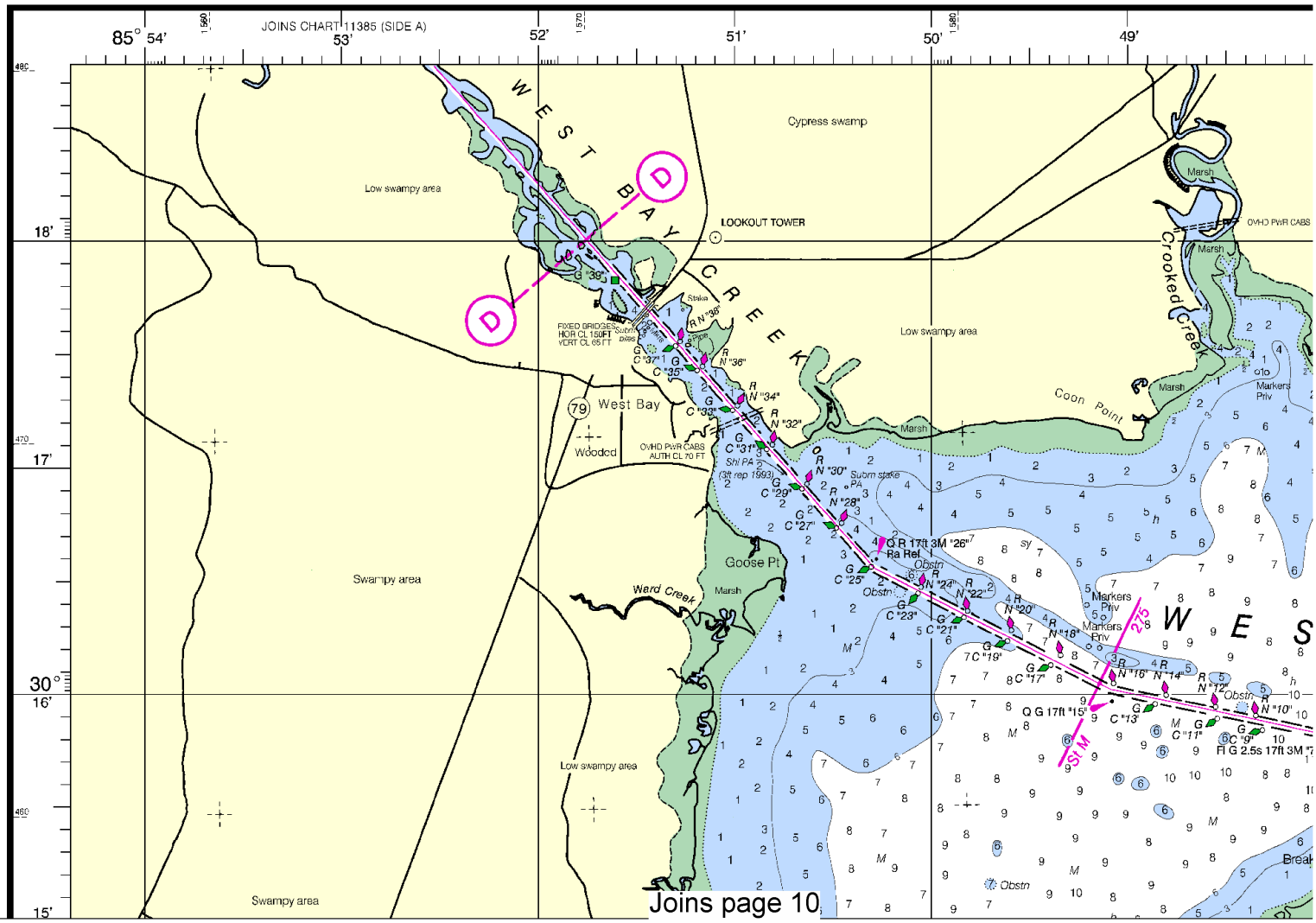
Distress calls for small craft are made on 2182 kHz or channel 16 (156.80 MHz) VHF.

Predicted times and heights of high
To predict local tide, apply the

AUGUST 2007						SEPTEMBI					
Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 W	1218 2146	1.4 0.3	16 Th	0241 0811 1319 1852	0.9 0.8 0.8 0.7	1 Sa	0032 1027	1.5 0.3			
2 Th	1329 2114	1.1 0.6	17 F	0201 1021	1.1 0.6	2 Su	0110 1212	1.7 0.1			
3 F	0328 0930 1536 1913	0.9 0.6 0.8 0.7	18 Sa	0156 1149	1.3 0.3	3 M	0206 1400	1.9 0.0			
4 Sa	0235 1219	1.2 0.3	19 Su	0214 1308	1.4 0.3	4 Tu	0319 1537	1.9 -0.1			
5 Su	0311 1402	1.4 0.1	20 M	0249 1493	1.5 0.3	5 W	0444 1634	2.0 -0.1			
6 M	0354 1530	1.7 -0.1	21 Tu	0342 1554	1.6 0.2	6 Th	0610 1753	2.0 -0.1			
7 Tu	0456 1651	1.8 -0.2	22 W	0451 1703	1.7 0.0	7 F	0725 1856	2.0 0.0			
8 W	0609 1805	1.9 -0.3	23 Th	0605 1756	1.8 -0.1	8 Sa	0828 1903	1.9 0.1			
9 Th	0724 1905	2.0 -0.4	24 F	0711 1839	1.9 -0.2	9 Su	0918 1913	1.7 0.3			
10 F	0830 1935	2.0 -0.3	25 Sa	0807 1913	2.0 -0.2	10 M	1008 1902	1.5 0.6			
11 Sa	0925 2030	2.0 -0.2	26 Su	0859 1942	2.0 -0.1	11 Tu	1107 1826	1.2 0.8			
12 Su	1011 2051	1.8 -0.1	27 M	0952 2004	1.9 0.1	12 W	0019 0617 1233 1718 2347	1.0 0.8 1.0 0.9 1.2			
13 M	1050 2035	1.6 0.2	28 Tu	1052 2017	1.7 0.4	13 Th	0745 2342	0.6 1.4			
14 Tu	1127 2039	1.4 0.4	29 W	1209 2008	1.4 0.7	14 F	0847 2303	0.5 1.6			
15 W	1211 2001	1.1 0.6	30 Th	0102 0837 1407 1655	0.9 0.7 1.1 1.0	15 Sa	0943	0.4			
			31 F	0021 0943	1.2 0.4						

Time me
Heights are referred to

11390



4

North

Printed at reduced scale.

~~SCALE 1:40,000~~

Nautical Miles: 1 ½ 0 1 2 3

Yards: 1000 0 1000 2000 3000 4000 5000

See Note on page 5.

PENSACOLA, FLORIDA

...igh and low water–Central Standard Time. For Daylight Saving time, add 1 hour.
...the time difference listed in the facility tabulations to these tide predictions.

...MBER 2007 Day	Time h.m.	Ht. ft.
16 Su	0016 1050	1.6 0.4
17 M	0054 1223	1.7 0.3
18 Tu	0147 1406	1.7 0.3
19 W	0255 1524	1.8 0.2
20 Th	0411 1618	1.8 0.1
21 F	0525 1659	1.9 0.0
22 Sa	0632 1732	1.9 0.0
23 Su	0737 1758	1.8 0.2
24 M	0849 1817	1.7 0.4
25 Tu	1018 1818	1.5 0.7
26 W	0446 1218	0.7 1.2
27 Th	0630 2223	0.4 1.5
28 F	0752 2250	0.2 1.8
29 Sa	0912 2335	0.1 2.0
30 Su	1044	0.0

OCTOBER 2007 Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 M	0034 1229	2.1 0.0	16 Tu	0020 1224	1.8 0.1
2 Tu	0144 1408	2.1 0.1	17 W	0117 1338	1.8 0.0
3 W	0304 1524	2.0 -0.1	18 Th	0217 1429	1.8 0.0
4 Th	0428 1619	1.9 0.0	19 F	0318 1507	1.8 0.0
5 F	0547 1655	1.8 0.1	20 Sa	0422 1536	1.7 0.1
6 Sa	0657 1712	1.7 0.3	21 Su	0536 1557	1.6 0.2
7 Su	0806 1706	1.4 0.6	22 M	0720 1604 2251	1.3 0.5 0.9
8 M	0926 1630 2245	1.2 0.8 1.1	23 Tu	0315 0941 1539 2121	0.8 1.1 0.8 1.1
9 Tu	0521 1126 1510 2210	0.8 1.0 0.9 1.3	24 W	0456 2054	0.5 1.4
10 W	0630 2202	0.6 1.5	25 Th	0604 2105	0.1 1.7
11 Th	0716 2206	0.4 1.6	26 F	0709 2138	-0.1 1.9
12 F	0755 2225	0.3 1.7	27 Sa	0819 2226	-0.3 2.1
13 Sa	0838 2252	0.2 1.8	28 Su	0942 2324	-0.3 2.1
14 Su	0934 2331	0.2 1.8	29 M	1115	-0.3
15 M	1053	0.2	30 Tu	0029 1242	2.1 -0.3
			31 W	0136 1349	2.0 -0.3

NOVEMBER 2007 Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 Th	0242 1436	1.8 -0.2	16 F	0137 1319	1.7 -0.3
2 F	0342 1509	1.6 0.0	17 Sa	0219 1341	1.5 0.1
3 Sa	0438 1507	1.4 0.3	18 Su	0306 1352	1.3 0.1
4 Su	0549 1439 2201	1.0 0.5 1.0	19 M	0443 1340 2052	0.9 0.4 0.8
5 M	0448 0835 1319 2100	0.7 0.6 0.7 1.2	20 Tu	0345 0910 1212 1952	0.5 0.6 0.5 1.1
6 Tu	0540 2041	0.4 1.4	21 W	0439 1941	0.1 1.4
7 W	0613 2042	0.2 1.5	22 Th	0532 2001	-0.2 1.6
8 Th	0644 2056	0.0 1.6	23 F	0631 2040	-0.5 1.8
9 F	0718 2119	-0.1 1.7	24 Sa	0739 2132	-0.6 1.9
10 Sa	0800 2152	-0.1 1.7	25 Su	0857 2231	-0.7 2.0
11 Su	0855 2233	-0.1 1.7	26 M	1016 2331	-0.7 1.9
12 M	1004 2320	-0.2 1.7	27 Tu	1127	-0.7
13 Tu	1112	-0.2	28 W	0029 1222	1.8 -0.6
14 W	0008 1207	1.8 -0.3	29 Th	0119 1258	1.6 -0.4
15 Th	0054 1249	1.8 -0.3	30 F	0158 1313	1.4 -0.2

...meridian 90° W. 0000 is midnight. 1200 is noon.
...d to mean lower low water which is the chart datum of soundings.

DECEMBER 2007 Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 Sa	0218 1302 2310	1.1 0.0 0.8	16 Su	0130 1157 2147	0.9 -0.1 0.6
2 Su	1212 2018	0.3 0.8	17 M	1121 1901	0.1 0.7
3 M	0912 1929	0.3 1.0	18 Tu	0330 1620	0.2 0.9
4 Tu	0523 1919	0.0 1.2	19 W	0404 1825	-0.2 1.2
5 W	0538 1927	-0.2 1.3	20 Th	0455 1856	-0.5 1.4
6 Th	0606 1949	-0.3 1.4	21 F	0556 1945	-0.7 1.6
7 F	0643 2022	-0.4 1.5	22 Sa	0705 2044	-0.9 1.7
8 Sa	0730 2103	-0.5 1.5	23 Su	0817 2145	-1.0 1.7
9 Su	0827 2149	-0.5 1.5	24 M	0924 2243	-1.0 1.7
10 M	0925 2234	-0.6 1.6	25 Tu	1021 2334	-1.0 1.6
11 Tu	1015 2317	-0.6 1.6	26 W	1103	-0.9
12 W	1054 2355	-0.7 1.6	27 Th	0017 1128	1.4 -0.7
13 Th	1124	-0.7	28 F	0050 1133	1.1 -0.4
14 F	0029 1146	1.4 -0.6	29 Sa	0107 1110	0.8 -0.1
15 Sa	0101 1159	1.2 -0.4	30 Su	1004 1821	0.0 0.6
			31 M	0708 1744	0.0 0.8

JANUARY 2008 Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 Tu	0426 1740	-0.2 1.0	16 W	0258 1653	-0.4 1.1
2 W	0444 1604	-0.4 1.1	17 Th	0408 1745	-0.7 1.2
3 Th	0521 1841	-0.5 1.2	18 F	0519 1849	-0.8 1.4
4 F	0609 1928	-0.6 1.2	19 Sa	0629 1957	-1.0 1.5
5 Sa	0703 2020	-0.7 1.3	20 Su	0733 2101	-1.1 1.5
6 Su	0755 2109	-0.7 1.3	21 M	0827 2157	-1.1 1.5
7 M	0839 2153	-0.8 1.4	22 Tu	0909 2245	-1.0 1.4
8 Tu	0915 2232	-0.9 1.4	23 W	0938 2326	-0.8 1.1
9 W	0942 2308	-0.8 1.3	24 Th	0950	-0.6
10 Th	1003 2343	-0.8 1.2	25 F	0003 0940	0.9 -0.3
11 F	1016	-0.6	26 Sa	0038 0900 1619 2149	0.5 -0.1 0.3 0.1
12 Sa	0022 1018	0.9 -0.3	27 Su	0116 0739 1526	0.2 0.1 0.5
13 Su	0109 0957 1728 2312	0.6 -0.1 0.3 0.1	28 M	0128 1523	0.0 0.7
14 M	0243 0839 1623	0.2 0.1 0.6	29 Tu	0221 1542	-0.2 0.9
15 Tu	0145 1622	-0.1 0.8	30 W	0312 1618	-0.4 0.9
			31 Th	0410 1710	-0.5 1.0

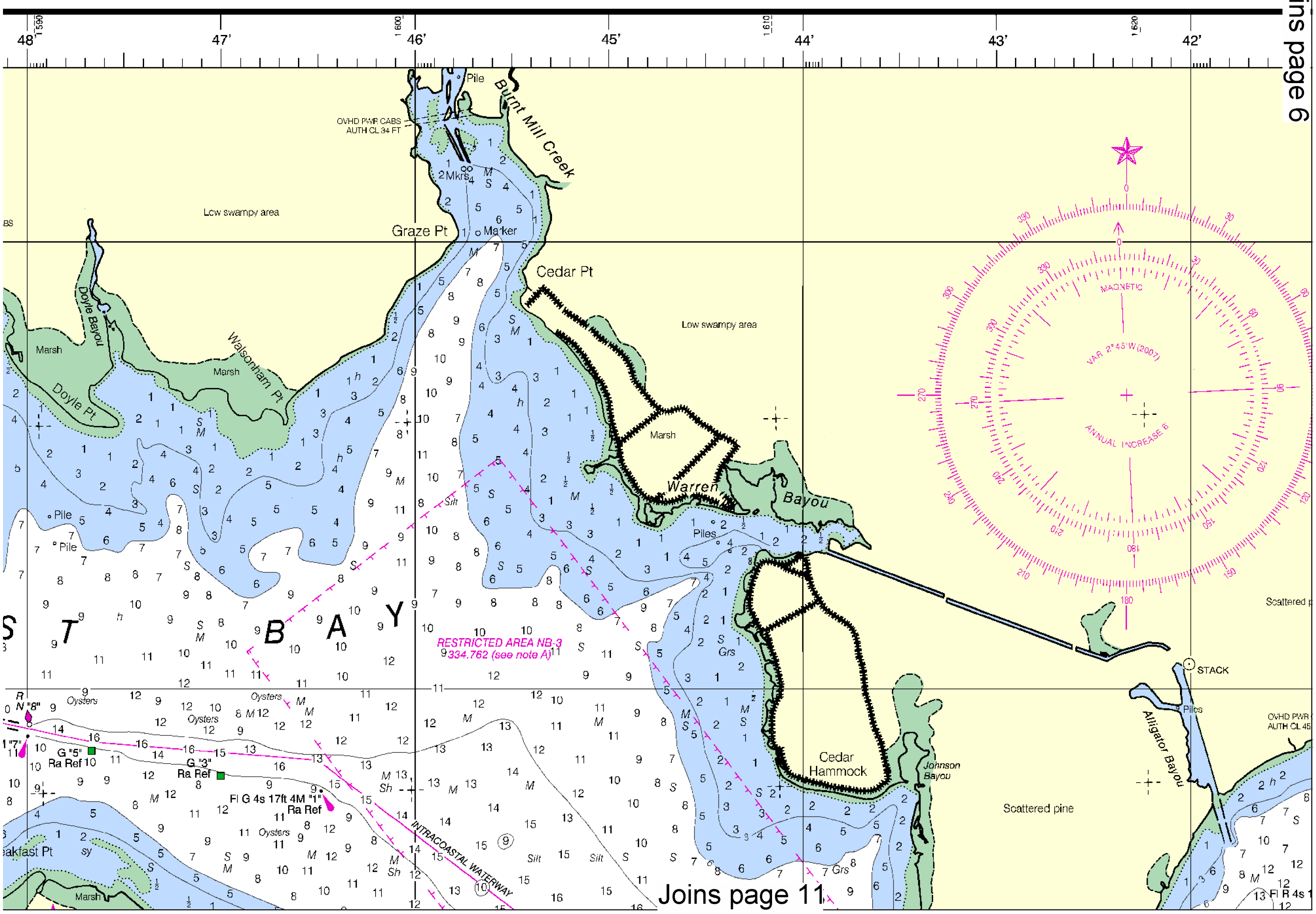
FEBRUARY 2008 Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 F	0511 1812	-0.6 1.1	16 Sa	0534 1854	-0.8 1.4
2 Sa	0608 1916	-0.7 1.2	17 Su	0633 2004	-0.9 1.4
3 Su	0656 2012	-0.7 1.3	18 M	0719 2104	-0.8 1.4
4 M	0735 2100	-0.8 1.3	19 Tu	0753 2155	-0.7 1.2
5 Tu	0805 2143	-0.8 1.3	20 W	0812 2244	-0.5 1.0
6 W	0929 2225	-0.8 1.2	21 Th	0812 2337	-0.2 0.7
7 Th	0846 2311	-0.6 1.0	22 F	0746 1359 1819	0.0 0.3 0.2
8 F	0854	-0.4	23 Sa	0045 0648 1306 2034	0.5 0.2 0.5 0.1
9 Sa	0009 0947 1526 1928	0.8 -0.1 0.2 0.1	24 Su	1259 2204	0.7 -0.1
10 Su	0132 0804 1403 2126	0.5 0.1 0.4 0.0	25 M	1311 2322	0.9 -0.2
11 M	1355 2328	0.7 -0.2	26 Tu	1337	1.0
12 Tu	1421	0.9	27 W	0046 1419	-0.2 1.0
13 W	0117 1510	-0.4 1.1	28 Th	0220 1516	-0.3 1.1
14 Th	0255 1617	-0.6 1.3	29 F	0343 1626	-0.4 1.1
15 F	0421 1735	-0.7 1.4			

MARCH 2008 Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 Sa	0446 1741	-0.5 1.2	16 Su	0513 1846	-0.6 1.4
2 Su	0534 1847	-0.5 1.3	17 M	0554 1954	-0.5 1.3
3 M	0610 1944	-0.6 1.3	18 Tu	0619 2058	-0.3 1.1
4 Tu	0638 2036	-0.6 1.3	19 W	0625 2207	0.0 0.9
5 W	0659 2135	-0.4 1.1	20 Th	0604 1205	0.2 0.5
6 Th	0714 2243	-0.2 0.9	21 F	0509 1113	0.4 0.7
7 F	0716 1313 1639	0.0 0.3 0.2	22 Sa	1102 1953	0.9 0.0
8 Sa	0014 0650 1152 1654	0.7 0.3 0.5 0.0	23 Su	1109 2045	1.1 -0.1
9 Su	0231 0502 1136 2026	0.5 0.4 0.8 -0.2	24 M	1127 2138	1.2 -0.2
10 M	1135 2134	1.1 -0.3	25 Tu	1156 2224	1.3 -0.2
11 Tu	1235 2333	1.3 -0.4	26 W	1237	1.3
12 W	1331	1.4	27 Th	0015 1329	-0.2 1.3
13 Th	0123 1442	-0.5 1.5	28 F	0149 1431	-0.2 1.3
14 F	0301 1603	-0.6 1.5	29 Sa	0258 1538	-0.3 1.4
15 Sa	0416 1728	-0.6 1.5	30 Su	0347 1644	-0.3 1.4
			31 M	0421 1750	-0.3 1.3

APRIL 2008 Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 Tu	0448 1900	-0.3 1.2	16 W	0406 1104 1614 2135	0.3 0.7 0.6 0.7
2 W	0507 2026	-0.1 1.0	17 Th	0308 0952 1748	0.5 0.9 0.3
3 Th	0515 1212 1508 2215	0.2 0.5 0.4 0.8	18 F	0932 1840	1.1 0.1
4 F	0501 1025 1715	0.4 0.7 0.2	19 Sa	0934 1920	1.3 -0.1
5 Sa	0100 0338 0952 1831	0.7 0.6 1.0 0.0	20 Su	0948 1959	1.4 0.2
6 Su	0958 1940	1.2 -0.3	21 M	1011 2044	1.5 -0.2
7 M	1027 2053	1.5 -0.4	22 Tu	1043 2141	1.5 -0.2
8 Tu	1113 2220	1.6 -0.5	23 W	1124 2255	1.6 -0.2
9 W	1211 2359	1.7 -0.5	24 Th	1211	1.6
10 Th	1318	1.7	25 F	0010 1301	-0.2 1.6
11 F	0131 1430	-0.5 1.7	26 Sa	0109 1351	-0.3 1.6
12 Sa	0243 1545	-0.5 1.6	27 Su	0152 1439	-0.3 1.5
13 Su	0335 1657	-0.4 1.5	28 M	0222 1527	-0.2 1.4
14 M	0409 1810	-0.2 1.2	29 Tu	0244 1629	-0.1 1.2
15 Tu	0421 1934	0.0 1.0	30 W	0256 1828	0.1 0.9

MAY 2008 Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 Th	0250 0945 1559 2147	0.4 0.8 0.5 0.7	16 F	0810 1616	1.4 0.0
2 F	0155 0843 1704	0.6 1.0 0.2	17 Sa	0821 1840	1.5 -0.2
3 Sa	0929 1900	1.3 -0.1	18 Su	0842 1926	1.6 -0.2
4 Su	0844 1900	1.5 -0.4	19 M	0911 2012	1.7 -0.3
5 M	0921 2009	1.8 0.5	20 Tu	0948 2108	1.7 0.3
6 Tu	1010 2128	1.9 -0.6	21 W	1031 2207	1.7 -0.3
7 W	1109 2253	2.0 -0.6	22 Th	1114 2200	1.7 -0.3
8 Th	1211	2.0	23 F	1156 2342	1.7 -0.3
9 F	0010 1313	-0.6 1.9	24 Sa	1234	1.7
10 Sa	0111 1411	-0.5 1.7	25 Su	0013 1308	-0.3 1.6
11 Su	0153 1503	-0.3 1.5	26 M	0035 1339	-0.2 1.4
12 M	0216 1545	-0.1 1.2	27 Tu	0048 1403	-0.1 1.2
13 Tu	0212 1153	0.2 0.9	28 W	0049 1026	0.1 0.9
14 W	0127 0902 1721	0.4 0.9 0.5	29 Th	0023 0802 1603	0.4 0.9 0.5
15 Th	0518 1746	1.1 0.2	30 F	0716 1636	1.1 0.1
			31 Sa	0716 1724	1.4 -0.2

Joins page 6



Joins page 11

This BookletChart was reduced to 75% of the original chart scale. The new scale is 1:53333. Barscales have also been reduced and are accurate when used to measure distances in this BookletChart.

DECEMBER 2007

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 Sa	0218 1302 2310	1.1 0.0 0.8	16 Su	0130 1157 2147	0.9 -0.1 0.8
2 Su	1212 2018	0.3 0.8	17 M	1121 1901	0.1 0.7
3 M	0912 1929	0.3 1.0	18 Tu	0330 1820	0.2 0.9
4 Tu	0523 1919	0.0 1.2	19 W	0404 1825	-0.2 1.2
5 W	0538 1927	-0.2 1.3	20 Th	0455 1856	-0.5 1.4
6 Th	0606 1949	-0.3 1.4	21 F	0556 1945	-0.7 1.6
7 F	0643 2022	-0.4 1.5	22 Sa	0705 2044	-0.9 1.7
8 Sa	0730 2103	-0.5 1.5	23 Su	0817 2145	-1.0 1.7
9 Su	0827 2149	-0.5 1.5	24 M	0924 2243	-1.0 1.7
10 M	0925 2234	-0.6 1.6	25 Tu	1021 2334	-1.0 1.6
11 Tu	1015 2317	-0.6 1.6	26 W	1103	-0.9
12 W	1054 2355	-0.7 1.6	27 Th	0017 1128	1.4 -0.7
13 Th	1124	-0.7	28 F	0050 1133	1.1 -0.4
14 F	0029 1146	1.4 -0.6	29 Sa	0107 1110	0.8 -0.1
15 Sa	0101 1159	1.2 -0.4	30 Su	1004 1821	0.0 0.6
			31 M	0708 1744	0.0 0.8

JANUARY 2008

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 Tu	0426 1740	-0.2 1.0	16 W	0258 1653	-0.4 1.1
2 W	0444 1604	-0.4 1.1	17 Th	0408 1745	-0.7 1.2
3 Th	0521 1841	-0.5 1.2	18 F	0519 1849	-0.8 1.4
4 F	0609 1928	-0.6 1.2	19 Sa	0629 1957	-1.0 1.5
5 Sa	0703 2020	-0.7 1.3	20 Su	0733 2101	-1.1 1.5
6 Su	0755 2109	-0.7 1.3	21 M	0827 2157	-1.1 1.5
7 M	0839 2153	-0.8 1.4	22 Tu	0909 2245	-1.0 1.4
8 Tu	0915 2232	-0.9 1.4	23 W	0938 2326	-0.8 1.1
9 W	0942 2308	-0.8 1.3	24 Th	0950	-0.6
10 Th	1003 2343	-0.8 1.2	25 F	0003 0940	0.9 -0.3
11 F	1016	-0.6	26 Sa	0038 0900 1619 2149	0.5 -0.1 0.3 0.1
12 Sa	0022 1018	0.9 -0.3	27 Su	0116 0739 1526	0.2 0.1 0.5
13 Su	0109 0957 1728 2312	0.6 -0.1 0.3 0.1	28 M	0128 1523	0.0 0.7
14 M	0243 0839 1623	0.2 0.1 0.6	29 Tu	0221 1542	-0.2 0.9
15 Tu	0145 1622	-0.1 0.8	30 W	0312 1618	-0.4 0.9
			31 Th	0410 1710	-0.5 1.0

FEBRUARY 2008

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 F	0511 1812	-0.6 1.1	16 Sa	0534 1854	-0.8 1.4
2 Sa	0608 1916	-0.7 1.2	17 Su	0633 2004	-0.9 1.4
3 Su	0656 2012	-0.7 1.3	18 M	0719 2104	-0.8 1.4
4 M	0735 2100	-0.8 1.3	19 Tu	0753 2155	-0.7 1.2
5 Tu	0805 2143	-0.8 1.3	20 W	0812 2244	-0.5 1.0
6 W	0829 2225	-0.8 1.2	21 Th	0812 2337	-0.2 0.7
7 Th	0846 2311	-0.6 1.0	22 F	0746 1359 1819	0.0 0.3 0.2
8 F	0854	-0.4	23 Sa	0045 0648 1306 2034	0.5 0.2 0.5 0.1
9 Sa	0009 0947 1526 1928	0.8 -0.1 0.2 0.1	24 Su	1259 2204	0.7 -0.1
10 Su	0132 0804 1403 2126	0.5 0.1 0.4 0.0	25 M	1311 2322	0.9 -0.2
11 M	1355 2328	0.7 -0.2	26 Tu	1337	1.0
12 Tu	1421	0.9	27 W	0046 1419	-0.2 1.0
13 W	0117 1510	-0.4 1.1	28 Th	0220 1516	-0.3 1.1
14 Th	0255 1617	-0.6 1.3	29 F	0343 1626	-0.4 1.1
15 F	0421 1735	-0.7 1.4			

MARCH 2008

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 Sa	0446 1741	-0.5 1.2	16 Su	0513 1846	-0.6 1.4
2 Su	0534 1847	-0.5 1.3	17 M	0554 1954	-0.5 1.3
3 M	0610 1944	-0.6 1.3	18 Tu	0619 2058	-0.3 1.1
4 Tu	0638 2036	-0.6 1.3	19 W	0625 2207	0.0 0.9
5 W	0659 2135	-0.4 1.1	20 Th	0604 1205	0.2 0.5
6 Th	0714 2243	-0.2 0.9	21 F	0509 1113	0.4 0.7
7 F	0716 1313 1639	0.0 0.3 0.2	22 Sa	1102 1953	0.9 0.0
8 Sa	0014 0650 1152 1654	0.7 0.3 0.5 0.0	23 Su	1109 2045	1.1 -0.1
9 Su	0231 0502 1136 2026	0.5 0.4 0.8 -0.2	24 M	1127 2138	1.2 -0.2
10 M	1135 2134	1.1 -0.3	25 Tu	1156 2244	1.3 -0.2
11 Tu	1235 2333	1.3 -0.4	26 W	1237	1.3
12 W	1331	1.4	27 Th	0015 1329	-0.2 1.3
13 Th	0123 1442	-0.5 1.5	28 F	0149 1431	-0.2 1.3
14 F	0301 1603	-0.6 1.5	29 Sa	0258 1538	-0.3 1.4
15 Sa	0416 1728	-0.6 1.5	30 Su	0347 1644	-0.3 1.4
			31 M	0421 1750	-0.3 1.3

APRIL 2008

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 Tu	0448 1900	-0.3 1.2	16 W	0406 1104 1614 2135	0.3 0.7 0.6 0.7
2 W	0507 2026	-0.1 1.0	17 Th	0308 0952 1748	0.5 0.5 0.3
3 Th	0515 1212 1508 2215	0.2 0.5 0.4 0.8	18 F	0932 1840	1.1 0.1
4 F	0501 1025 1715	0.4 0.7 0.2	19 Sa	0934 1920	1.3 -0.1
5 Sa	0100 0308 0952 1831	0.7 0.6 1.0 0.0	20 Su	0948 1959	1.4 0.2
6 Su	0958 1940	1.2 -0.3	21 M	1011 2044	1.5 -0.2
7 M	1027 2053	1.5 -0.4	22 Tu	1043 2141	1.5 -0.2
8 Tu	1113 2220	1.6 -0.5	23 W	1124 2255	1.6 -0.2
9 W	1211 2359	1.7 -0.5	24 Th	1211	1.6
10 Th	1318	1.7	25 F	0010 1301	-0.2 1.6
11 F	0131 1430	-0.5 1.7	26 Sa	0109 1351	-0.3 1.6
12 Sa	0243 1545	-0.5 1.6	27 Su	0152 1439	-0.3 1.5
13 Su	0335 1657	-0.4 1.5	28 M	0222 1527	-0.2 1.4
14 M	0409 1810	-0.2 1.2	29 Tu	0244 1629	-0.1 1.2
15 Tu	0421 1934	0.0 1.0	30 W	0256 1828	0.1 0.9

MAY 2008

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 Th	0250 0945 1559 2147	0.4 0.8 0.5 0.7	16 F	0810 1816	1.4 0.0
2 F	0155 0843 1704	0.6 1.0 0.2	17 Sa	0821 1840	1.5 -0.2
3 Sa	0929 1900	1.3 -0.1	18 Su	0842 1926	1.5 -0.2
4 Su	0844 1900	1.5 -0.4	19 M	0911 2012	1.7 -0.3
5 M	0921 2009	1.8 0.5	20 Tu	0948 2108	1.7 0.3
6 Tu	1010 2128	1.9 -0.6	21 W	1031 2207	1.7 -0.3
7 W	1109 2253	2.0 -0.6	22 Th	1114 2200	1.7 -0.3
8 Th	1211	2.0	23 F	1156 2342	1.7 -0.3
9 F	0010 1313	-0.6 1.9	24 Sa	1234	1.7
10 Sa	0111 1411	-0.5 1.7	25 Su	0013 1308	-0.3 1.6
11 Su	0153 1503	-0.3 1.5	26 M	0035 1339	-0.2 1.4
12 M	0216 1545	-0.1 1.2	27 Tu	0048 1403	-0.1 1.2
13 Tu	0212 1153	0.2 0.9	28 W	0049 1026	0.1 0.9
14 W	0127 0902 1721	0.4 0.9 0.5	29 Th	0023 0602 1603	0.4 0.9 0.5
15 Th	0518 1746	1.1 0.2	30 F	0716 1636	1.1 0.1
			31 Sa	0716 1724	1.4 -0.2

JUNE 2008

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 Su	0741 1823	1.7 -0.4	16 M	0818 1945	1.7 -0.3
2 M	0824 1932	1.9 -0.6	17 Tu	0902 2037	1.7 -0.3
3 Tu	0918 2047	2.0 -0.7	18 W	0947 2125	1.7 -0.4
4 W	1019 2159	2.1 -0.7	19 Th	1029 2203	1.8 -0.4
5 Th	1117 2301	2.1 0.7	20 F	1106 2232	1.8 0.4
6 F	1212 2349	2.0 -0.6	21 Sa	1139 2252	1.7 -0.4
7 Sa	1300	1.8	22 Su	1208 2308	1.6 -0.2
8 Su	0021 1339	-0.4 1.5	23 M	1236 2312	1.4 0.0
9 M	0032 1357	-0.1 1.1	24 Tu	1259 2302	1.1 0.2
10 Tu	0013 0933 2304	0.2 0.8 0.4	25 W	0810 2219	0.8 0.4
11 W	0719 1604	1.0 0.4	26 Th	0612 1520	1.0 0.4
12 Th	0646 1713	1.2 0.1	27 F	0546 1548	1.2 0.1
13 F	0650 1736	1.4 -0.1	28 Sa	0558 1641	1.5 -0.2
14 Sa	0709 1811	1.5 -0.2	29 Su	0635 1746	1.7 -0.4
15 Su	0739 1854	1.6 -0.3	30 M	0725 1856	1.9 -0.6

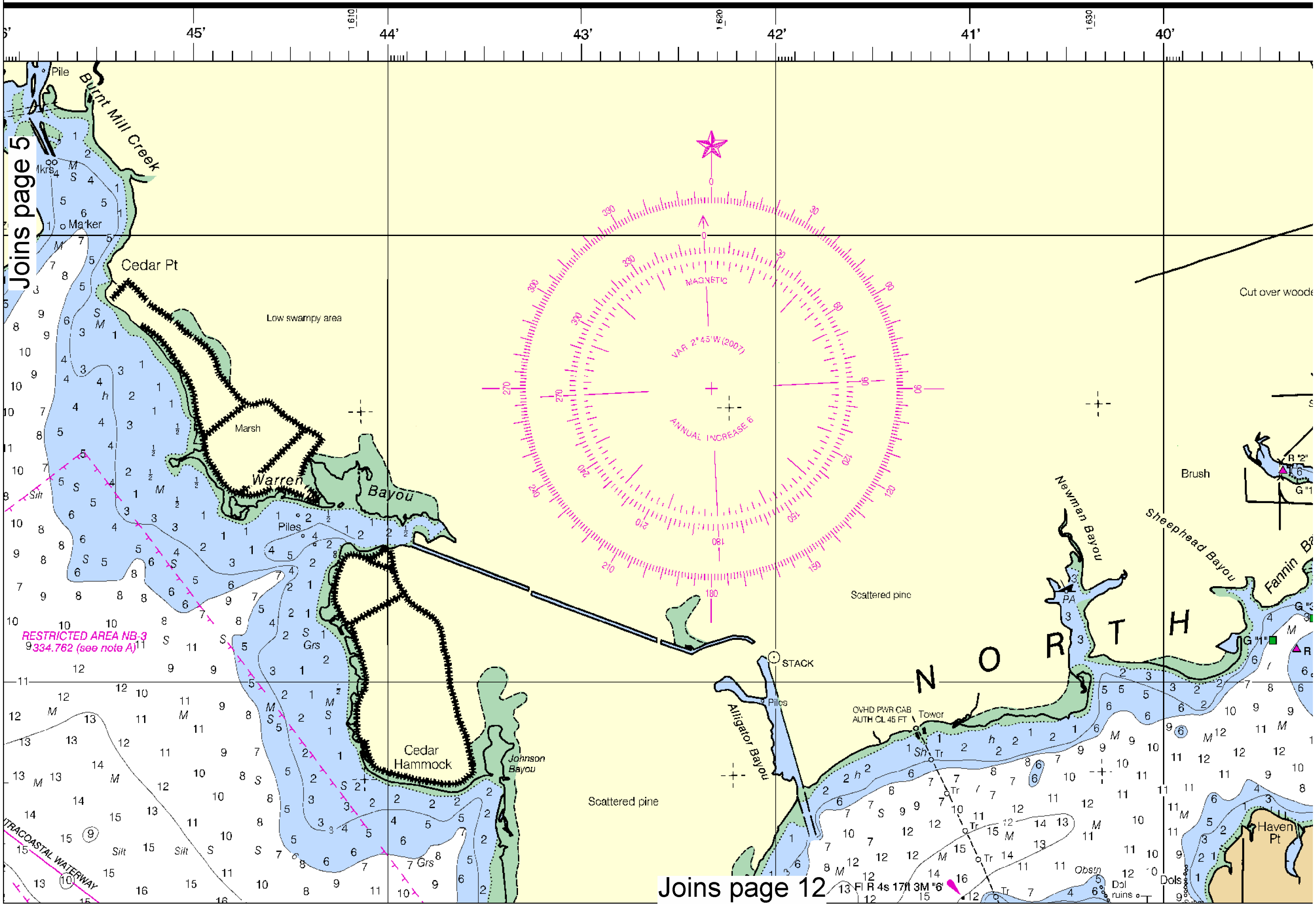
JULY 2008

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 Tu	0829 2005	2.0 -0.7	16 W	0903 2033	1.8 -0.3
2 W	0931 2106	2.1 -0.7	17 Th	0945 2103	1.8 -0.4
3 Th	1029 2157	2.1 -0.7	18 F	1020 2125	1.8 -0.3
4 F	1120 2236	2.0 -0.5	19 Sa	1053 2139	1.7 -0.2
5 Sa	1205 2259	1.8 0.3	20 Su	1127 2147	1.6 0.0
6 Su	1249 2301	1.5 0.0	21 M	1204 2145	1.3 0.2
7 M	1311 2229	1.1 0.3	22 Tu	1254 2124	1.1 0.4
8 Tu	0700 2106	0.8 0.5	23 W	0443 1019 1427 2016	0.8 0.7 0.8 0.8
9 W	0514 1632	1.0 0.4	24 Th	0350 1255	1.0 0.4
10 Th	0459 1558	1.2 0.2	25 F	0352 1423	1.3 0.2
11 F	0513 1631	1.4 0.0	26 Sa	0425 1342	1.5 -0.1
12 Sa	0544 1717	1.5 -0.1	27 Su	0519 1659	1.7 -0.3
13 Su	0628 1810	1.6 -0.2	28 M	0626 1810	1.9 -0.4
14 M	0720 1905	1.7 -0.2	29 Tu	0735 1914	2.0 -0.5
15 Tu	0814 1954	1.7 -0.3	30 W	0841 2007	2.1 -0.5
			31 Th	0939 2050	2.1 -0.4

AUGUST 20

Day	Time h.m.	Ht. ft.	Day
1 F	1031 2121	1.9 -0.2	16 Sa
2 Sa	1118 2136	1.7 0.0	17 Su
3 Su	1205 2127	1.4 0.3	18 M
4 M	1258 2040	1.1 0.6	19 Tu
5 Tu	0306 0920 1426 1853	0.9 0.7 0.8 0.7	20 W
6 W	0236 1159	1.1 0.5	21 Th
7 Th	0244 1333	1.3 0.3	22 F
8 F	0312 1446	1.5 0.2	23 Sa
9 Sa	0356 1556	1.5 0.1	24 Su
10 Su	0454 1703	1.6 0.0	25 M
11 M	0601 1801	1.7 0.0	26 Tu
12 Tu	0707 1847	1.7 -0.1	27 W
13 W	0803 1923	1.8 -0.1	28 Th
14 Th	0849 1949	1.8 -0.1	29 F
15 F	0930 2007	1.8 0.0	30 Sa
			31 Su

Formerly 868 SC 1st Ed., 1970 KAPP 141



Printed at reduced scale.

SCALE 1:40,000

Nautical Miles

1 ½ 0 1 2 3

Yards

1000 0 1000 2000 3000 4000 5000

See Note on page 5.

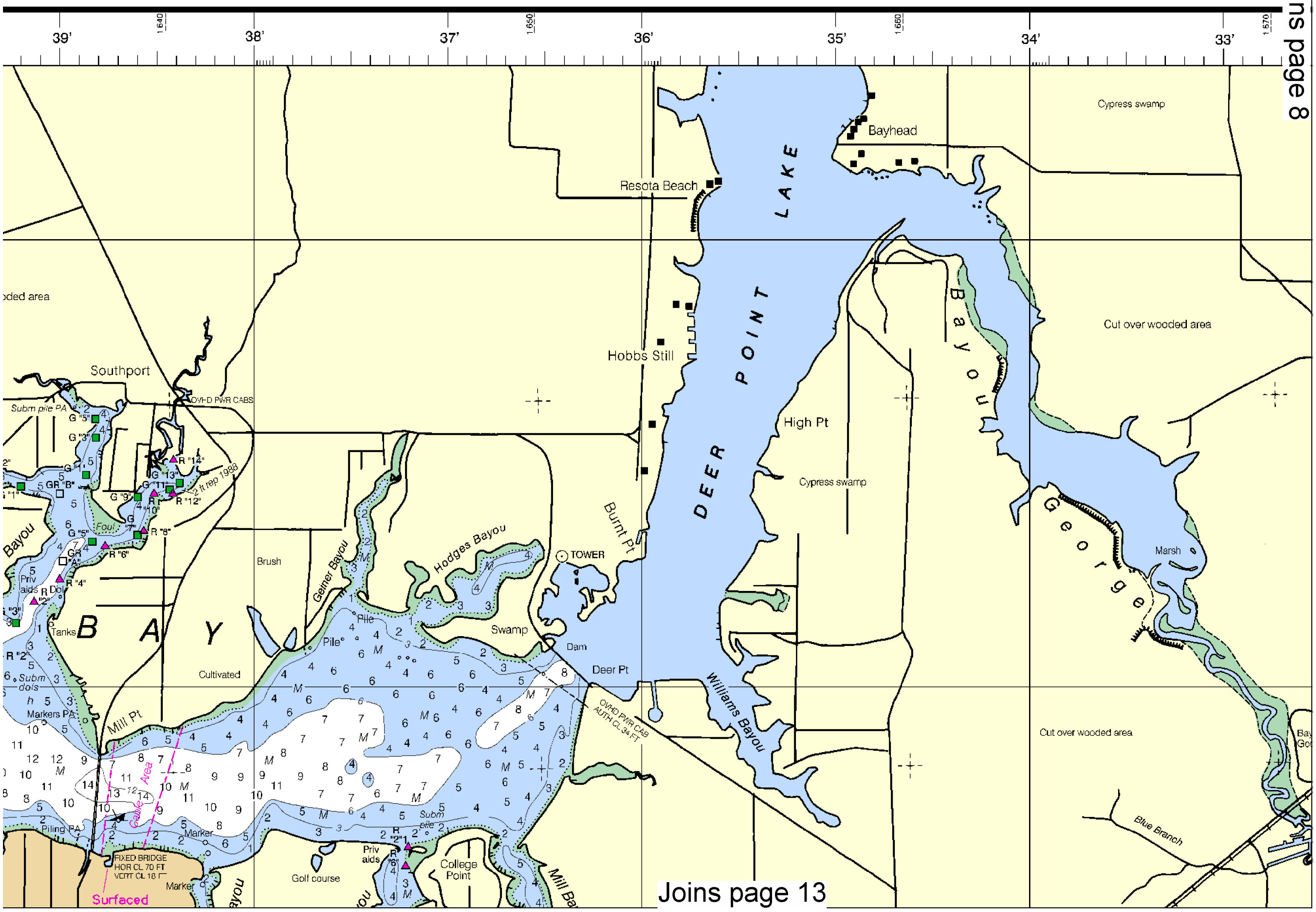
North

2008			SEPTEMBER 2008					
Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
6 a	1010 2019	1.7 0.1	 M	0044 0624 1317 1805	0.9 0.7 1.0 0.9	16 Tu	0643 2302	0.6 1.4
7 u	1057 2022	1.5 0.3	2 Tu	0011 0818	1.2 0.6	17 W	0802 2323	0.4 1.6
8 M	1157 2010	1.3 0.6	3 W	0015 0941	1.4 0.4	18 Th	0922	0.2
9 u	0216 0538 1325 1925	0.8 0.7 1.0 0.8	4 Th	0035 1057	1.6 0.4	19 F	0003 1056	1.8 0.1
0 W	0121 0655	1.1 0.6	5 F	0109 1224	1.6 0.3	20 Sa	0059 1246	1.9 0.1
1 h	0119 1043	1.3 0.4	6 Sa	0155 1401	1.7 0.3	21 Su	0210 1426	2.0 0.0
2 F	0147 1231	1.5 0.2	7 Su	0256 1526	1.7 0.2	22 M	0330 1543	2.0 -0.1
3 a	0238 1418	1.7 0.1	8 M	0410 1629	1.7 0.2	23 Tu	0455 1640	2.0 -0.1
4 u	0346 1551	1.8 -0.1	9 Tu	0525 1714	1.8 0.1	24 W	0614 1722	2.0 0.0
5 M	0506 1706	1.9 -0.2	10 W	0632 1748	1.8 0.1	25 Th	0727 1749	1.8 0.2
6 u	0527 1806	2.0 -0.3	1 Th	0728 1812	1.8 0.1	26 F	0840 1757	1.6 0.5
7 W	0739 1854	2.1 -0.2	12 F	0821 1829	1.7 0.3	27 Sa	1002 1733	1.3 0.8
8 h	0842 1930	2.0 -0.1	13 Sa	0920 1837	1.6 0.5	28 Su	0504 1156	0.8 1.1
9 F	0940 1953	1.8 0.2	14 Su	1032 1831	1.4 0.7	29 M	0635 2221	0.6 1.5
0 a	1037 1955	1.6 0.5	15 M	0003 0501 1209 1756 2310	0.9 0.8 1.2 1.0 1.2	30 Tu	0738 2235	0.4 1.7
1 u	1143 1924	1.3 0.7						

		DEPTHS			SERVICES									SUPPLIES	
NO	SMALL CRAFT FACILITY	CHART SIDE	APPROACH-FEET (REPORTED)	ALONGSIDE-FEET (REPORTED)	BERTHS-MOORINGS-ELECTRICITY (TRANSIENTS) / RAMP / SURFACED-NATURAL	REPAIRS HULL-MOTOR-RADIO	MARINE RAILWAY-FEET	LIFT CAPACITY-TONS	BOAT RENTAL CANOE-ROW-MOTOR-KAYAK	CHARTER-HOUSE-SAIL	FOOD-LODGING-CAMPING	PUMP-OUT STATION / TOILETS-SHOWERS-LAUNDRY	WINTER STORAGE WET-DRY	NAUTICAL CHART SALES / WATER-ICE / GROCERIES-HARDWARE	BAIT-TACKLE / DIESEL OIL-GASOLINE
1	PIER 98 MARINA	A	20	10	BME					C	FL	TSLP	W	C WI GH	BT DG
9	PANAMA CITY MARINA	A	10	10	B E S					C	FL	TSLP		C WI GH	BT DG
11	TREASURE ISLAND MARINA	A	8	6	B E S	HMR		30	C M	C	F	TSLP	WD	C WI GH	BT DG
12	BAY POINT MARINA	A	6	7	BME S	HMR				C S	FL	TSLP	WD	C WI GH	BT DG
13G	ST. ANDREWS MARINA	A	14	10	B E S						FL	TSLP		WI GH	BT DG

THE LOCATIONS OF THE ABOVE PUBLIC MARINE FACILITIES ARE SHOWN ON THE CHART BY MAGENTA NUMBERS AND LEADERS.
THE TABULATED "APPROACH-FEET (REPORTED)" IS THE DEPTH AVAILABLE FROM THE NEAREST NATURAL OR DREDGED CHANNEL TO THE FACILITY.
THE TABULATED "PUMP-OUT STATION" IS DEFINED AS FACILITIES AVAILABLE FOR PUMPING OUT BOAT HOLDING TANKS.

Joins page 8



Joins page 13

This BookletChart has been updated with: Coast Guard Local Notice To Mariners: 0710 2/16/2010,
NGA Weekly Notice to Mariners: 0910 2/27/2010,
Canadian Coast Guard Notice to Mariners: n/a .

NO	SMALL CRAFT FACILITY	DEPTHS: CHART SIDE	DEPTHS: APPROACH-FEET (REPORTED)	DEPTHS: ALONGSIDE-FEET (REPORTED)	SERVICES: BERTHS-MOORINGS (TRANSIENTS)	SERVICES: RAMP	SERVICES: REPAIRS	SERVICES: MARINE RAILWAY-FEET	SERVICES: LIFT CAPACITY-TONS	SERVICES: BOAT RENTAL	SERVICES: CANOE-ROW-MOTOR-KAYAK	SERVICES: CHARTER-HOUSE-SAIL	SERVICES: FOOD-LODGING-CAMPING	SERVICES: PUMP-OUT STATION	SERVICES: TOILETS-SHOWERS-LAUNDRY	SERVICES: WINTER STORAGE WET-DRY	SUPPLIES: NAUTICAL CHART SALES	SUPPLIES: WATER-ICE	SUPPLIES: GROCERIES-HARDWARE	SUPPLIES: BAIT-TACKLE	SUPPLIES: DIESEL-OIL-GASOLINE
1	PIER 98 MARINA	A	20	10	BME									C	FL	TSLP	W	C	WI GH	BT	DG
9	PANAMA CITY MARINA	A	10	10	B E S									C	FL	TSLP		C	WI GH	BT	DG
11	TREASURE ISLAND MARINA	A	8	6	B E S	HMR			30	C M				C	F	TSLP	WD	C	WI GH	BT	DG
12	BAY POINT MARINA	A	6	7	BME S	HMR								C S	FL	TSLP	WD	C	WI GH	BT	DG
13G	ST. ANDREWS MARINA	A	14	10	B E S										FL	TSLP			WI GH	BT	DG

THE LOCATIONS OF THE ABOVE PUBLIC MARINE FACILITIES ARE SHOWN ON THE CHART BY MAGENTA NUMBERS AND LEADERS.
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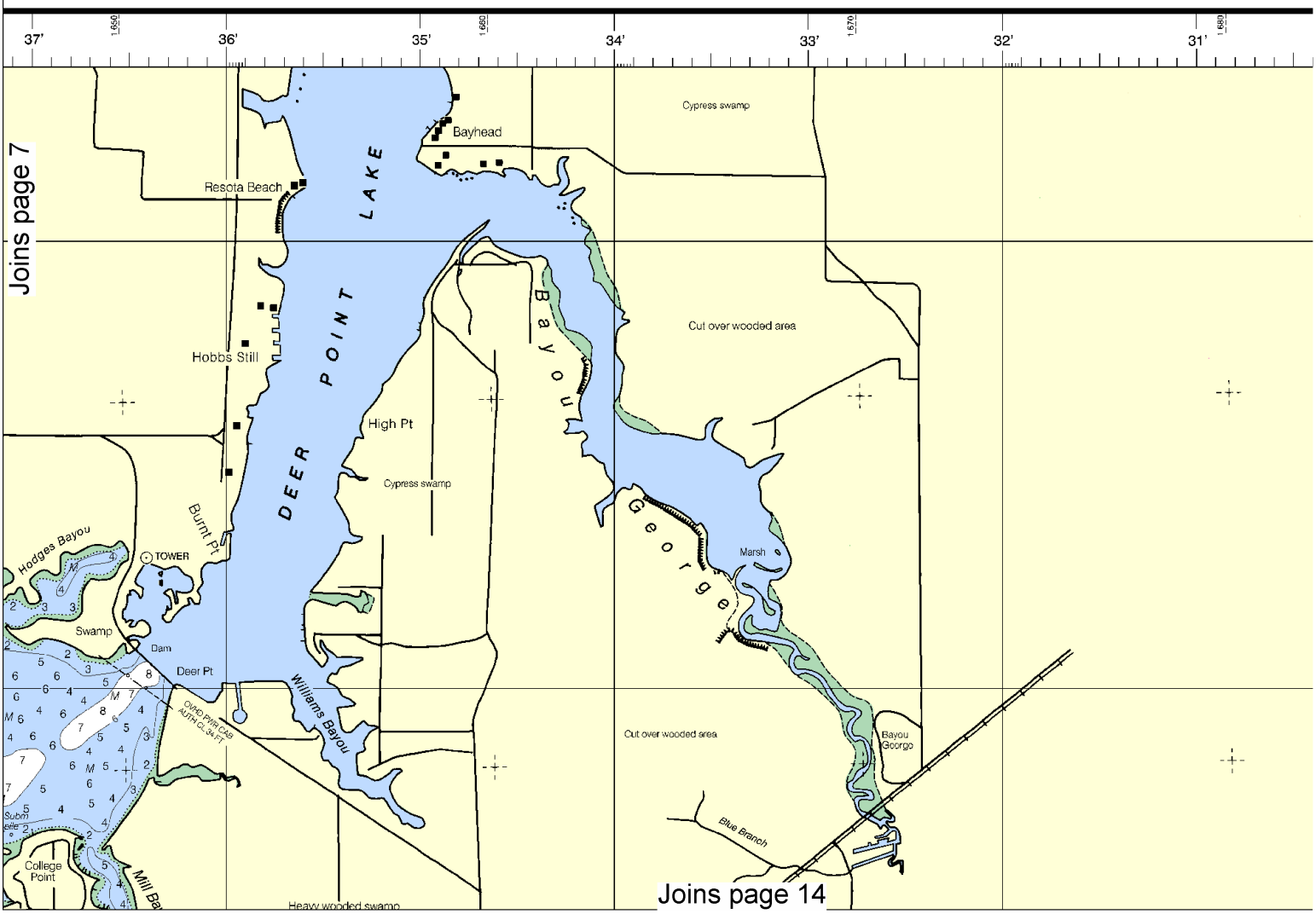
THE TABULATED "PUMP-OUT STATION" IS DEFINED AS FACILITIES AVAILABLE FOR PUMPING OUT BOAT HOLDING TANKS.



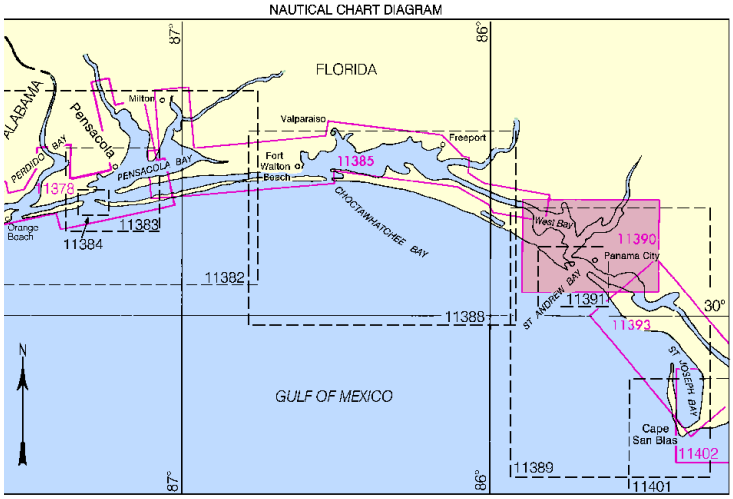
North

Printed at reduced scale. ~~SCALE 1:40,000~~ See Note on page 5.

Nautical Miles: 1 ½ 0 1 2 3

Yards: 1000 0 1000 2000 3000 4000 5000

NAUTICAL CHART DIAGRAM



NAUTICAL CHART 11390

INTRACOASTAL WATERWAY

THE NATION'S CHARTMAKER SINCE 1807

FLORIDA

EAST BAY TO WEST BAY

11390

30' 29' 1690 85° 28'

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

NOTE X

Within the 12-nautical mile Territorial Sea, established by Presidential Proclamation, some Federal laws apply. The Three Nautical Mile Line, previously identified as the outer limit of the territorial sea, is retained as it continues to depict the jurisdictional limit of the other laws. The 9-nautical mile Natural Resource Boundary off the Gulf coast of Florida, Texas, and Puerto Rico, and the Three Nautical Mile Line elsewhere remain in most cases the inner limit of Federal fisheries jurisdiction and the outer limit of the jurisdiction of the states. The 24-nautical mile Contiguous Zone and the 200-nautical mile Exclusive Economic Zone were established by Presidential Proclamation. Unless fixed by treaty or the U.S. Supreme Court, these maritime limits are subject to modification.

PRINT-ON-DEMAND CHARTS

NOAA and its partner, OceanGrafix, offer this chart updated weekly by NOAA for Notices to Mariners and critical corrections. Charts are printed when ordered using Print-on-Demand technology. New Editions are available 5-8 weeks before their release as traditional NOAA charts. Ask your chart agent about Print-on-Demand charts or contact NOAA at 1-800-584-4683, http://NauticalCharts.gov, help@NauticalCharts.gov, or OceanGrafix at 1-877-56CHART, http://OceanGrafix.com, or help@OceanGrafix.com.

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

Panama City, FL	KGG-67	162.55 MHz
Tallahassee, FL	KIH-24	162.40 MHz
Eastpoint, FL	WWF-86	162.50 MHz

CAUTION

SUBMARINE PIPELINES AND CABLES

Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:

Pipeline Area — Cable Area

Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have

18' 17' 30° 16' 15'

SIDE

Joins page 15

Chart 11390 24th Ed., Aug./07 ■
Corrected through NM Aug. 11/07, LNM Jul. 31/07

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

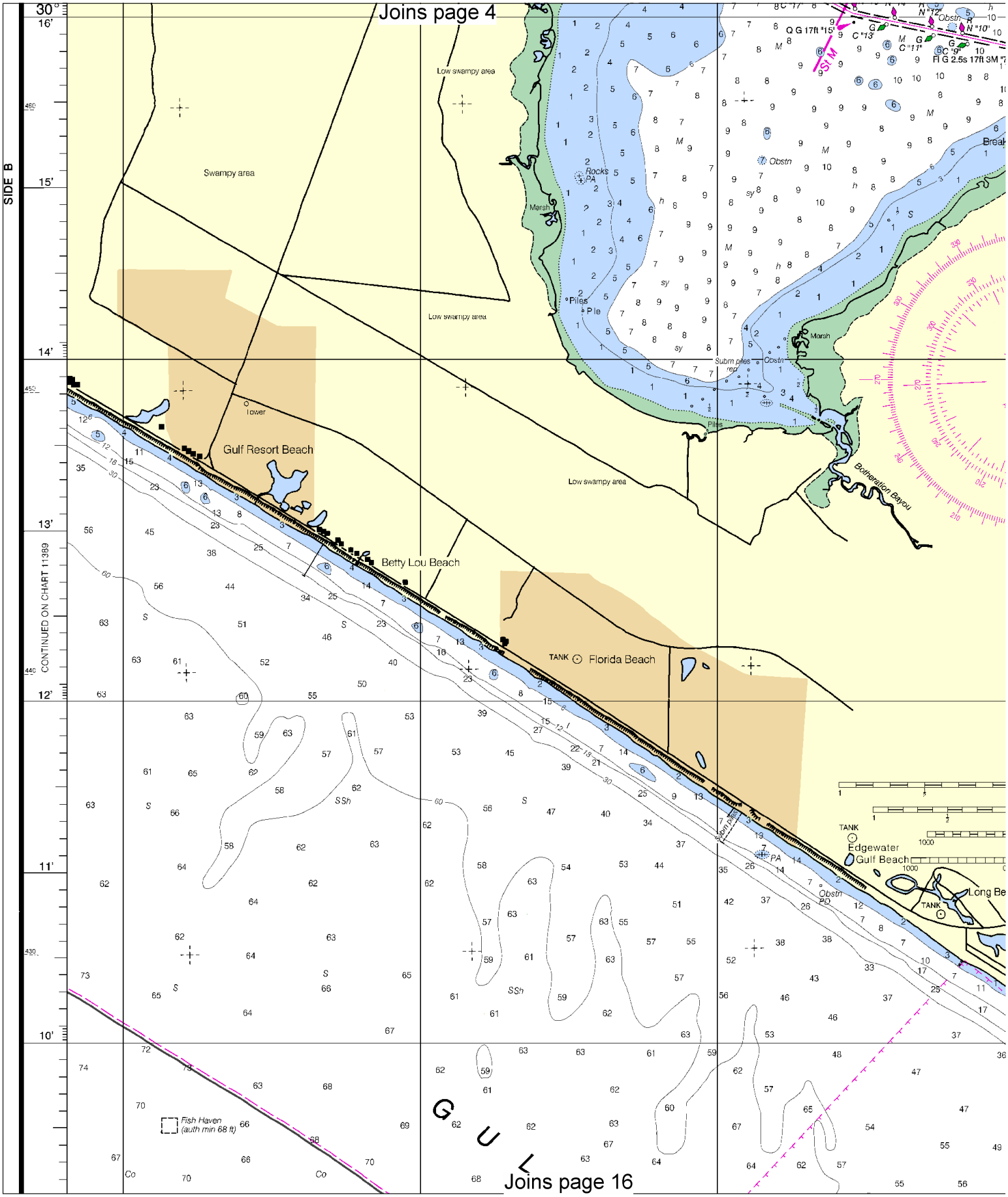
MERCATOR PROJECTION, SCALE 1:40,000 AT 30°12'
SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER
North American Datum of 1983
(World Geodetic System 1984)

Additional information can be obtained at nauticalcharts.noaa.gov.

NSN 7642014010232
NGA REFERENCE NO. 11XHA11390
ED. NO. 24

PUBLIC BOATING INSTRUCTION PROGRAMS

The United States Power Squadrons (USPS) and U.S. Coast Guard Auxiliary [illegible]nal organizations of boatmen, conduct extensive boat[illegible]ng in-s in communities throughout the United States. For information



North

Printed at reduced scale. ~~SCALE 1:40,000~~

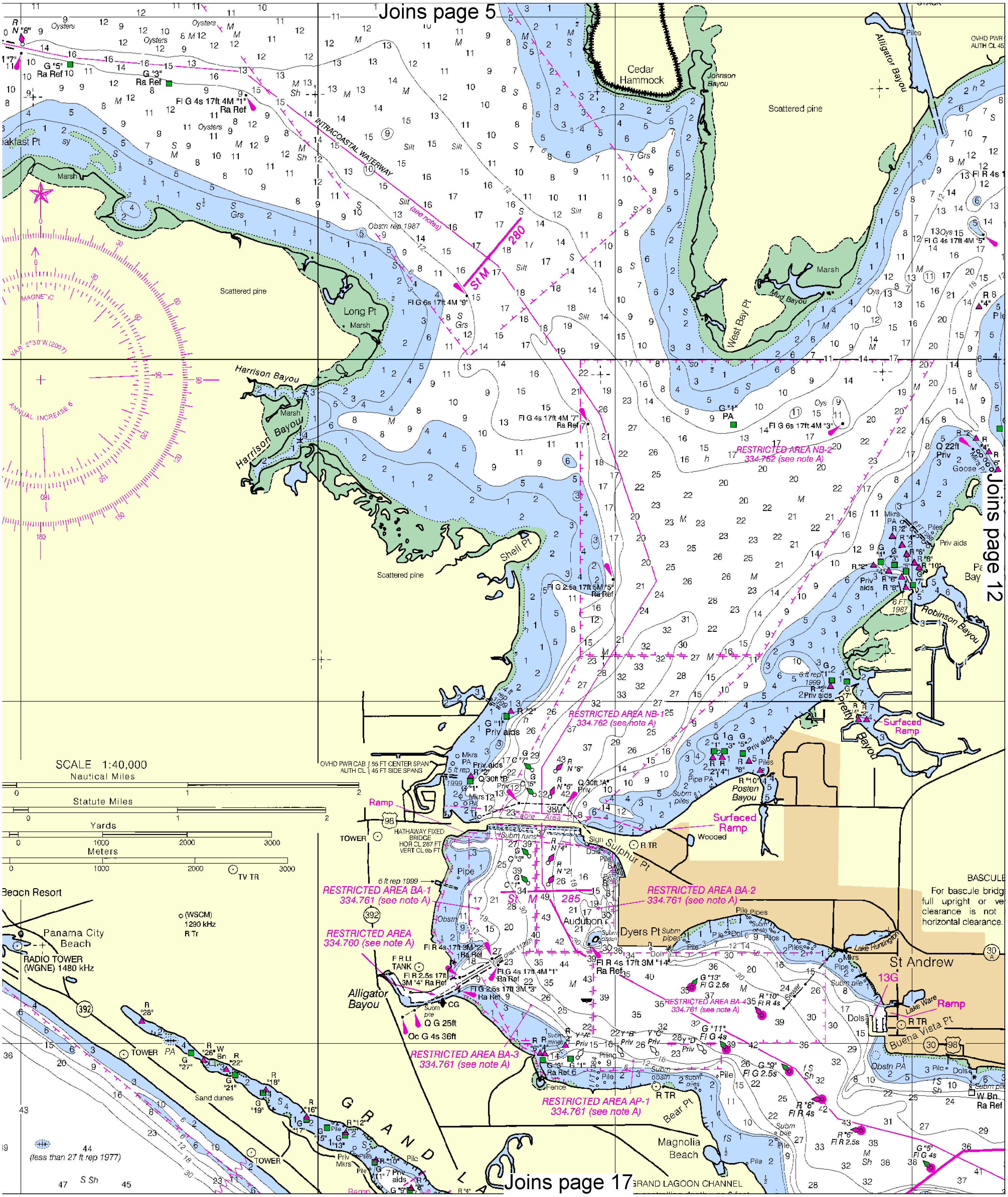
Nautical Miles

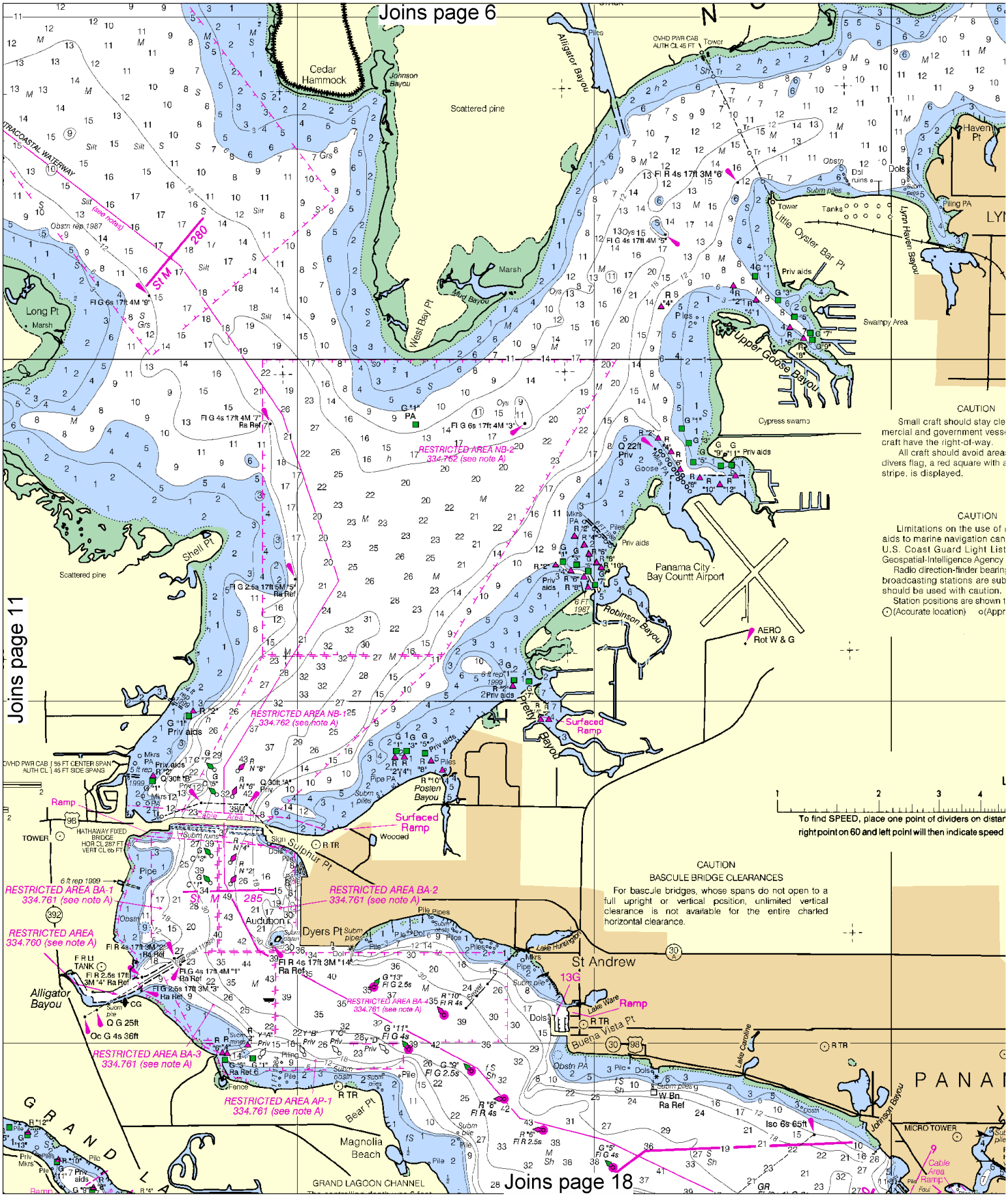
1 ½ 0 1 2 3

Yards

1000 0 1000 2000 3000 4000 5000

See Note on page 5.


Joins page 5
Joins page 12
Joins page 17
INTRACOASTAL WATERWAY
Cedar Hammock
Johnson Bayou
Alligator Bayou
Scattered pine
Marsh
Long Pt
Harrison Bayou
Shell Pt
West Bay Pt
Mud Bayou
Robinson Bayou
Pretty Bayou
Posten Bayou
Goose
Surfaced Ramp
Ramp
RESTRICTED AREA NB-2
334.762 (see note A)
RESTRICTED AREA NB-1
334.762 (see note A)
RESTRICTED AREA BA-1
334.761 (see note A)
RESTRICTED AREA BA-2
334.761 (see note A)
RESTRICTED AREA
334.760 (see note A)
RESTRICTED AREA BA-3
334.761 (see note A)
RESTRICTED AREA BA-4
334.761 (see note A)
RESTRICTED AREA AP-1
334.761 (see note A)
SCALE 1:40,000
Nautical Miles
Statute Miles
Yards
Meters
HATHAWAY FIXED BRIDGE
HOR CL 287 FT
VERT CL 65 FT
OVHD PWR CAB { 55 FT CENTER SPAN
AUTH CL { 45 FT SIDE SPANS
TOWER
TV TR
Beach Resort
Panama City Beach
RADIO TOWER (WGNE) 1480 kHz
(WSCM) 1290 kHz
R Tr
Sulphur Pt
Audubon
Dyers Pt
Alligator Bayou
Wooded
Sand dunes
Magnolia Beach
Bear Pt
Buena Vista Pt
St Andrew
Lake Huntington
Lake Ware
GRAND LAGOON CHANNEL
G R A N D L A
BASCULE
For bascule bridge full upright or vertical clearance is not horizontal clearance.
VAR 2°30'W (2007)
ANNUAL INCREASE 6'
MAGNETIC
(less than 27 ft rep 1977)
Obstn rep 1987
St M 280
St M 285
CG
Q G 25ft
Oc G 4s 36ft
F R LT TANK



North

Printed at reduced scale.

~~SCALE 1:40,000~~

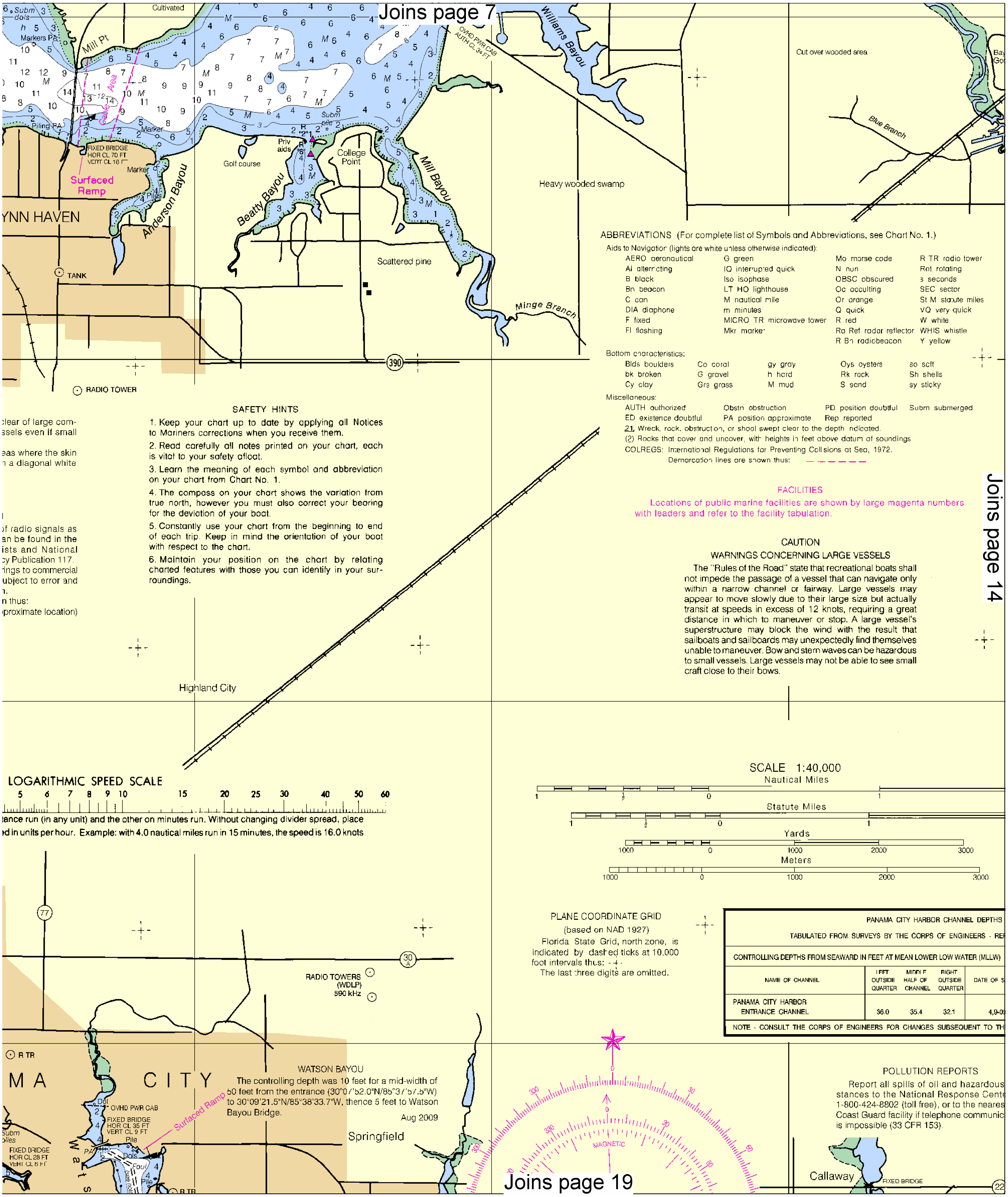
Nautical Miles

1 ½ 0 1 2 3

Yards

1000 0 1000 2000 3000 4000 5000

See Note on page 5.



PANAMA CITY HARBOR CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - RE
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)

NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF S
PANAMA CITY HARBOR ENTRANCE CHANNEL	36.0	35.4	32.1	4,9-0

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO TH

Joins page 8

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):

AERO aeronautical	G green	Mo morse code	R TR radio tower
Al alternating	IQ interrupted quick	N nun	Rot rotating
B black	Iso isophase	OBSC obscured	s seconds
Bn beacon	LT HO lighthouse	Oc occulting	SEC sector
C can	M nautical mile	Or orange	St M statute miles
DIA diaphone	m minutes	Q quick	VQ very quick
F fixed	MICRO TR microwave tower	R red	W white
Fl flashing	Mkr marker	Ra Ref radar reflector	WHIS whistle
		R Bn radiobeacon	Y yellow

Bottom characteristics:

Blds boulders	Co coral	gy gray	Oys oysters	so soft
bk broken	G gravel	h hard	Rk rock	Sh shells
Cy clay	Grs grass	M mud	S sand	sy sticky

Miscellaneous:

AUTH authorized — Obstn obstruction — PD position doubtful — Subm submerged
ED existence doubtful — PA position approximate — Rep reported
21 Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soundings
COLREGS: International Regulations for Preventing Collisions at Sea, 1972.
Demarcation lines are shown thus: — — — — —

FACILITIES

Locations of public marine facilities are shown by large magenta numbers with leaders and refer to the facility tabulation.

CAUTION

WARNINGS CONCERNING LARGE VESSELS

The "Rules of the Road" state that recreational boats shall not impede the passage of a vessel that can navigate only within a narrow channel or fairway. Large vessels may appear to move slowly due to their large size but actually transit at speeds in excess of 12 knots, requiring a great distance in which to maneuver or stop. A large vessel's superstructure may block the wind with the result that sailboats and sailboards may unexpectedly find themselves unable to maneuver. Bow and stern waves can be hazardous to small vessels. Large vessels may not be able to see small craft close to their bows.

Joins page 13

SCALE 1:40,000

Nautical Miles: 1 ½ 0 1 2

Statute Miles: 1 ½ 0 1 2

Yards: 1000 0 1000 2000 3000

Meters: 1000 0 1000 2000 3000

PLANE COORDINATE GRID

(based on NAD 1927)

Florida State Grid, north zone, is indicated by dashed ticks at 10,000 foot intervals thus: -+-
The last three digits are omitted.

PANAMA CITY HARBOR CHANNEL DEPTHS

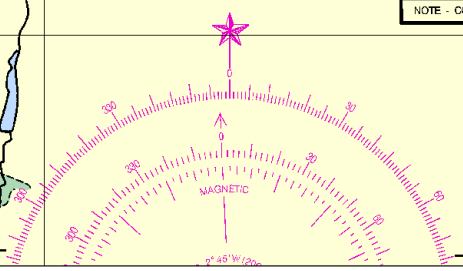
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF OCT 2009

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (MILES)	DEPTH MLLW (FEET)
PANAMA CITY HARBOR ENTRANCE CHANNEL	36.0	35.4	32.1	4,9-09	450-300	1.5	38-36

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).



Joins page 20.

North

Printed at reduced scale. ~~SCALE 1:40,000~~ See Note on page 5.

Nautical Miles: 1 ½ 0 1 2 3

Yards: 1000 0 1000 2000 3000 4000 5000

Eastpoint, FL WWF-86 162.50 MHz

Joins page 9

CAUTION

SUBMARINE PIPELINES AND CABLES

Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:

Pipeline Area *Cable Area*

Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling.

Covered wells may be marked by lighted or unlighted buoys.

HURRICANES AND TROPICAL STORMS

Hurricanes, tropical storms and other major storms may cause considerable damage to marine structures, aids to navigation and moored vessels, resulting in submerged debris in unknown locations.

Charted soundings, channel depths and shoreline may not reflect actual conditions following these storms. Fixed aids to navigation may have been damaged or destroyed. Buoys may have been moved from their charted positions, damaged, sunk, extinguished or otherwise made inoperative. Mariners should not rely upon the position or operation of an aid to navigation. Wrecks and submerged obstructions may have been displaced from charted locations. Pipelines may have become uncovered or moved.

Mariners are urged to exercise extreme caution and are requested to report aids to navigation discrepancies and hazards to navigation to the nearest United States Coast Guard unit.

HEIGHTS

Heights in feet above Mean High Water.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 5 for important supplemental information.

CAUTION

This chart has been corrected from the Notice to Mariners (NM) published by the National Geospatial-Intelligence Agency and the Local Notice to

SIDE B

15'

14'

13'

12'

11'

10'

North American Datum of 1983
(World Geodetic System 1984)

Additional information can be obtained at nauticalcharts.noaa.gov.

NSN 7642014010232

NGA REFERENCE NO. 11XHA11390

ED. NO. 24

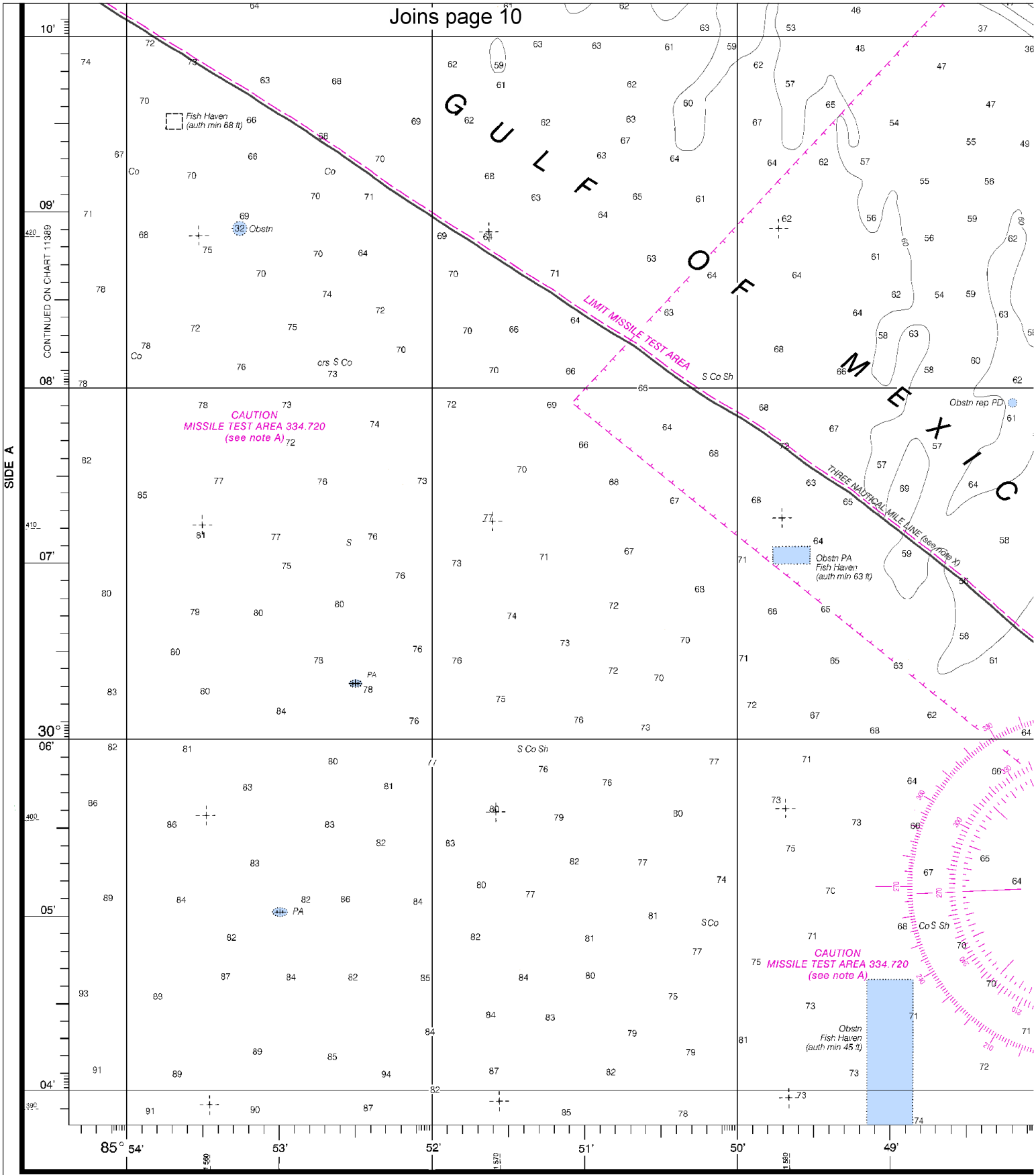
PUBLIC BOATING INSTRUCTION PROGRAMS

The United States Power Squadrons (USPS) and U.S. Coast Guard Auxiliary (USCGAUX), national organizations of boatmen, conduct extensive boating instruction programs in communities throughout the United States. For information regarding these educational courses, contact the following sources:

USPS - Local Squadron Commander or USPS Headquarters, 1504 Blue Ridge Road, Raleigh, NC 27607, 888-367-8777

USCGAUX - COMMANDER (OAX), Eighth Coast Guard District, Hale Boggs Federal Building, Suite 1126, 500 Poydras Street, New Orleans, LA 70130, 800-524-8835 or USCG Headquarters, Office of the Chief Director (G-OCX), 2100 Second Street, SW, Washington, DC 20593

Joins page 21



11390 24th Ed., Aug./07; Corrected through NM Aug. 11/07, LNM Jul. 31/07

16

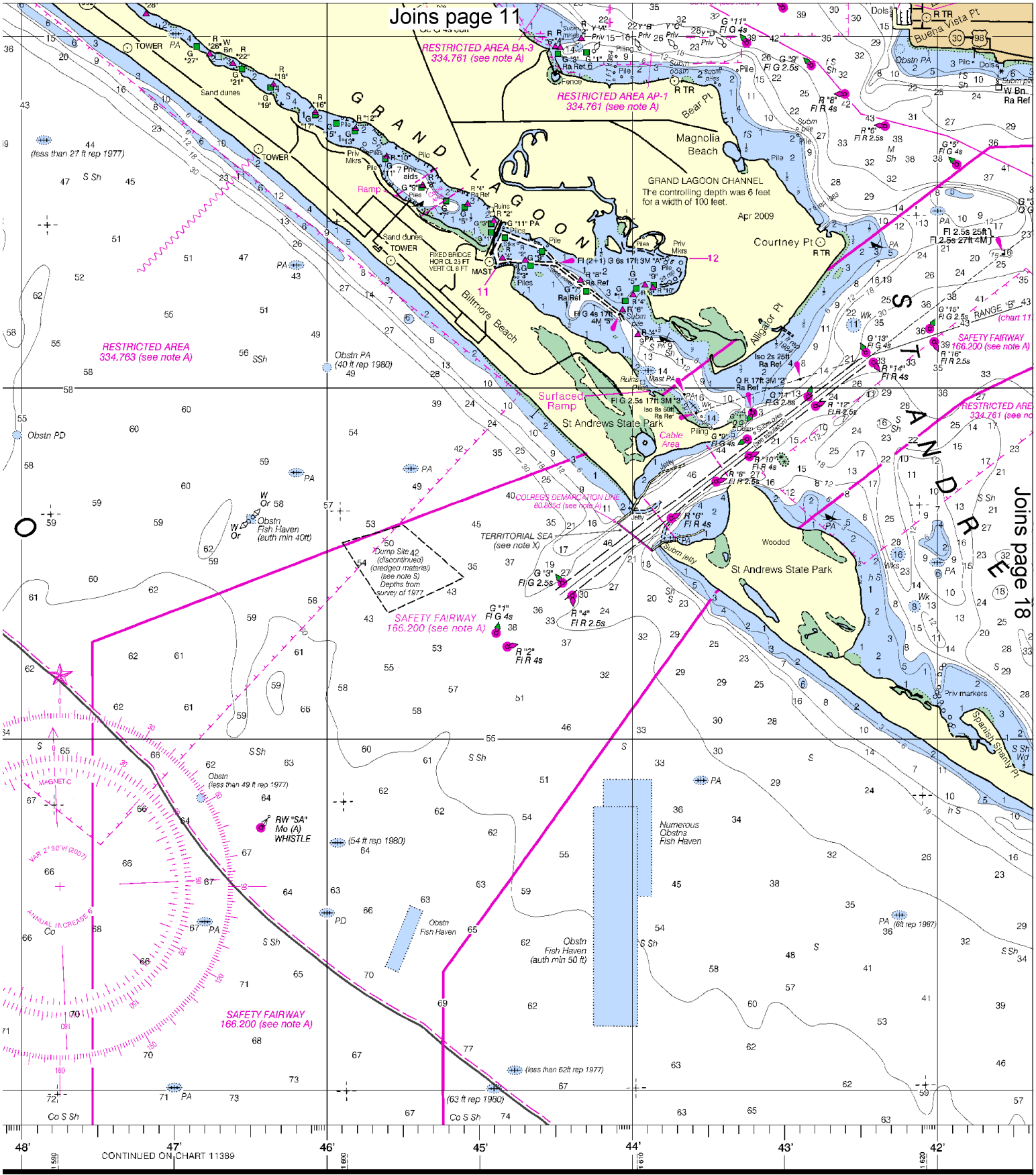
North

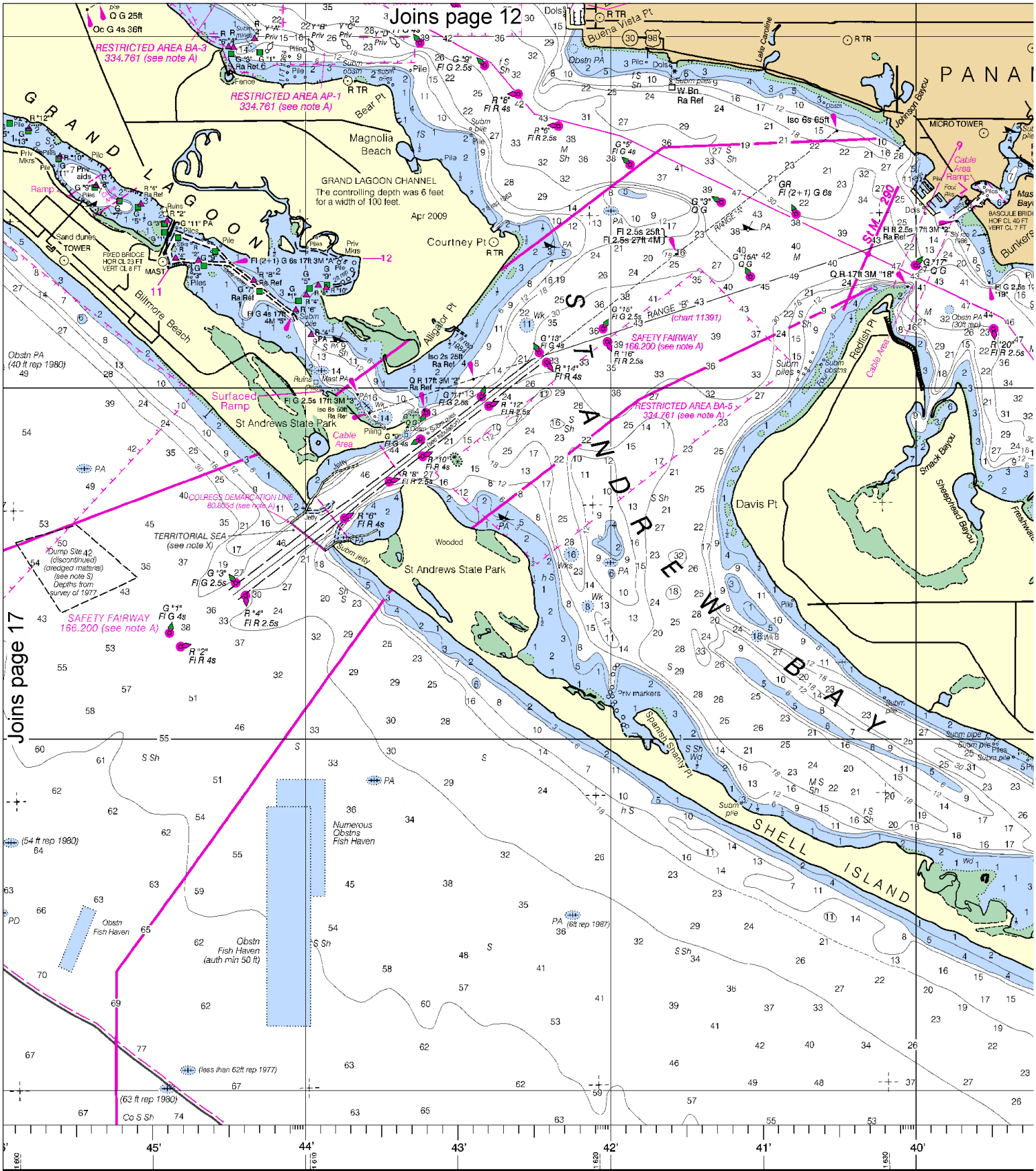
Printed at reduced scale. ~~SCALE 1:40,000~~

Nautical Miles: 1 ½ 0 1 2 3

Yards: 1000 0 1000 2000 3000 4000 5000

See Note on page 5.


Joins page 11
RESTRICTED AREA BA-3
334.761 (see note A)
RESTRICTED AREA AP-1
334.761 (see note A)
GRAND LAGOON
Magnolia Beach
GRAND LAGOON CHANNEL
The controlling depth was 6 feet
for a width of 100 feet.
Apr 2009
Courtney Pt
Bear Pt
Biltmore Beach
Alligator Pt
Buena Vista Pt
Surfaced Ramp
St Andrews State Park
Cable Area
COLREGS DEMARCATION LINE
80.855d (see note A)
TERRITORIAL SEA
(see note X)
Dump Site 42
(discontinued)
(dredged material)
(see note S)
Depths from
survey of 1977
SAFETY FAIRWAY
166.200 (see note A)
RESTRICTED AREA
334.763 (see note A)
Obstn PA
(40 ft rep 1980)
Obstn PD
Obstn
Fish Haven
(auth min 40ft)
Numerous
Obstns
Fish Haven
Obstn
Fish Haven
(auth min 50 ft)
(54 ft rep 1980)
(less than 62ft rep 1977)
(63 ft rep 1980)
Obstn
(less than 49 ft rep 1977)
RW "SA"
Mo (A)
WHISTLE
(less than 27 ft rep 1977)
Joins page 18
CONTINUED ON CHART 11389



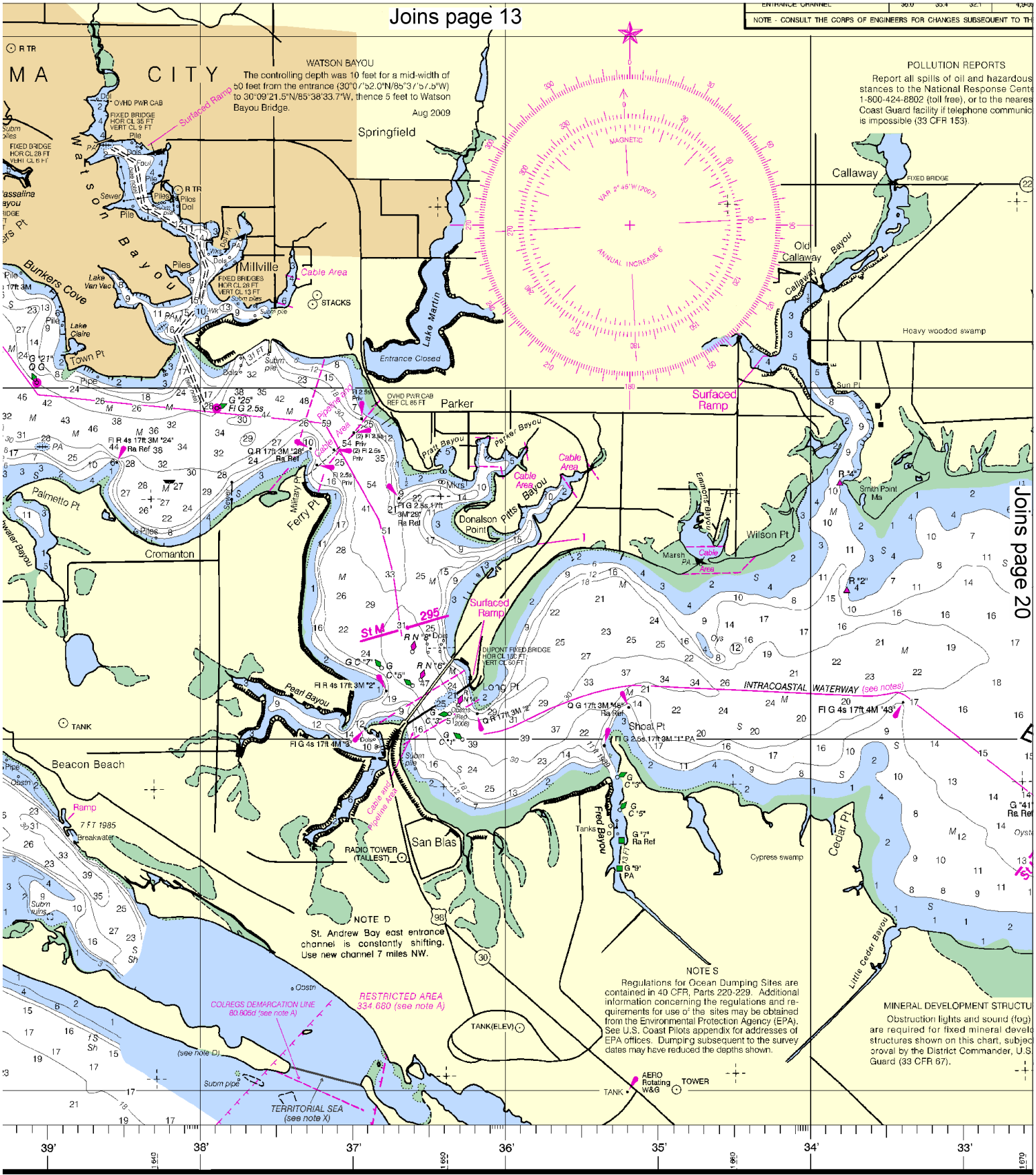
North

Printed at reduced scale. ~~SCALE 1:40,000~~

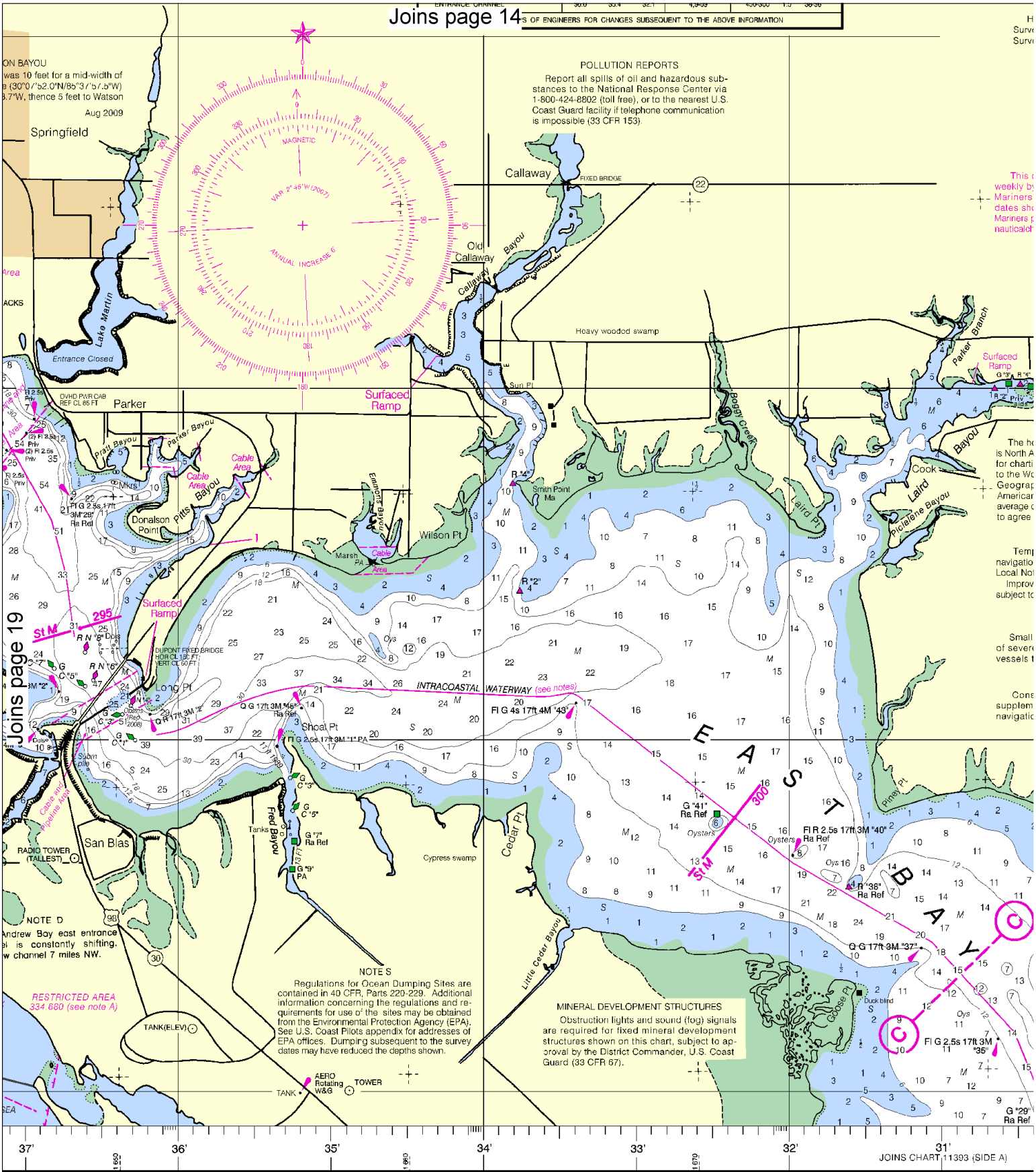
Nautical Miles: 1 ½ 0 1 2 3

Yards: 1000 0 1000 2000 3000 4000 5000

See Note on page 5.


Joins page 13
WATSON BAYOU
The controlling depth was 10 feet for a mid-width of 50 feet from the entrance (30°07'52.0"N/88°37'57.5"W) to 30°09'21.5"N/88°38'33.7"W, thence 5 feet to Watson Bayou Bridge.
Aug 2009
POLLUTION REPORTS
Report all spills of oil and hazardous stances to the National Response Cente 1-800-424-8802 (toll free), or to the neares Coast Guard facility if telephone communic is impossible (33 CFR 153).
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO TH
Springfield
Millville
Watson Bayou
Bunkers Cove
Lake Van Vac
Lake Claire
Town Pt
Lake Martin
Entrance Closed
Callaway
Old Callaway Bayou
Heavy wooded swamp
Parker
Surfaced Ramp
Parker Bayou
Pratt Bayou
Cable Area
Donalson Point
Pitts Bayou
Wilson Pt
Smith Point
Palmetto Pt
Cromanton
Ferry Pt
Military Pt
Emmons Bayou
Marsh
Pearl Bayou
Long Pt
DUPONT FIXED BRIDGE HOR CL 135 FT VERT CL 50 FT
INTRACOASTAL WATERWAY (see notes)
Shoal Pt
Beacon Beach
Ramp
Breakwater
San Blas
RADIO TOWER (TALLEST)
Fred Bayou
Tanks
Cypress swamp
Cedar Pt
Little Cedar Bayou
NOTE D
St. Andrew Bay east entrance channel is constantly shifting. Use new channel 7 miles NW.
NOTE S
Regulations for Ocean Dumping Sites are contained in 40 CFR, Parts 220-229. Additional information concerning the regulations and requirements for use of the sites may be obtained from the Environmental Protection Agency (EPA). See U.S. Coast Pilots appendix for addresses of EPA offices. Dumping subsequent to the survey dates may have reduced the depths shown.
MINERAL DEVELOPMENT STRUCTU
Obstruction lights and sound (fog) are required for fixed mineral develo structures shown on this chart, subject oroval by the District Commander, U.S. Guard (33 CFR 67).
COLREGS DEMARCATION LINE 80.805d (see note A)
RESTRICTED AREA 334.660 (see note A)
TERRITORIAL SEA (see note X)
Suom pipe
TANK(ELEV)
AERO Rotating W&G TOWER
TANK
Joins page 20
39'
38'
37'
36'
35'
34'
33'

Joins page 14



Joins page 19

North

Printed at reduced scale.

~~SCALE 1:40,000~~

Nautical Miles

1 ½ 0 1 2 3

Yards

1000 0 1000 2000 3000 4000 5000

See Note on page 5.

Joins page 15

AUTHORITIES

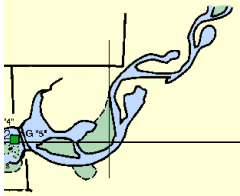
Hydrography and topography by the National Ocean Service, Coast
rvey, with additional data from the Corps of Engineers, Geological
rvey, and U.S. Coast Guard.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 5 for important supplemental information.

CAUTION

s chart has been corrected from the Notice to Mariners (NM) published
by the National Geospatial-Intelligence Agency and the Local Notice to
rs (LNM) issued periodically by each U.S. Coast Guard district to the
shown in the lower left hand corner. Chart updates corrected from Notice to
s published after the dates shown in the lower left hand corner are available at
lcharts.noaa.gov.



HORIZONTAL DATUM

horizontal reference datum of this chart
American Datum of 1983 (NAD 83), which
rting purposes is considered equivalent
World Geodetic System 1984 (WGS 84).
aphic positions referred to the North
an Datum of 1927 must be corrected an
e of 0.727" northward and 0.253" eastward
e with this chart.

CAUTION

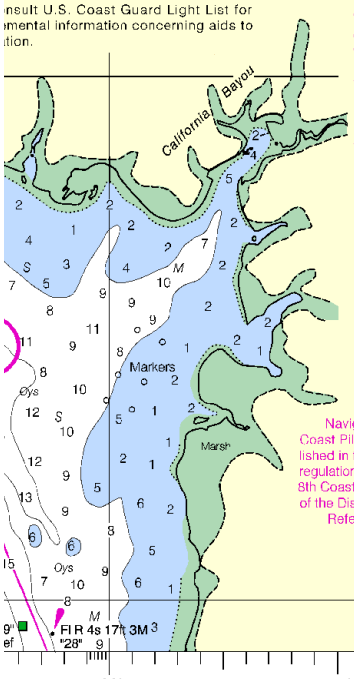
mporary changes or defects in aids to
tion are not indicated on this chart. See
Notice to Mariners.
oved channels shown by broken lines are
to shoaling, particularly at the edges.

CAUTION

all craft operators are warned to beware
ere water turbulence caused by large
s traversing narrow waterways.

AIDS TO NAVIGATION

nsult U.S. Coast Guard Light List for
mental information concerning aids to
tion.



WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

INTRACOASTAL WATERWAY

Project Depths

12 feet Carrabelle, FL to Brownsville, TX.
The controlling depths are published periodically in the U.S. Coast Guard Local Notice to Mariners.

Distances

The Waterway is indicated by a magenta line. Mileage distances shown along the Waterway are in Statute Miles, based on zero at Harvey Lock, LA, and are indicated thus: ——•——
Tables for converting Statute Miles to International Nautical Miles are given in U.S. Coast Pilot 5.
Courses are TRUE and must be CORRECTED for any variation and compass deviation.

INTRACOASTAL WATERWAY

The U.S. Aids to Navigation System is designed for use with nautical charts, and the exact meaning of an aid to navigation may not be clear unless the appropriate chart is consulted.
Aids to navigation marking the Intracoastal Waterway exhibit unique yellow symbols to distinguish them from aids marking other waterways.
When following the Intracoastal Waterway westward from Carrabelle, FL to Brownsville, TX, aids with yellow triangles should be kept on the starboard side of the vessel and aids with yellow squares should be kept on the port side of the vessel.
A horizontal yellow band provides no lateral information, but simply identifies aids to navigation as marking the Intracoastal Waterway.

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 5. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 8th Coast Guard District in New Orleans, LA, or at the Office of the District Engineer, Corps of Engineers in Mobile, AL. Refer to charted regulation section numbers.

SIDE A

09' 08' 07' 30° 06' 05' 04'

30' 29' 85° 28'

11390

EMERGENCY INFORMATION

VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.
Channel 9 – Communications between boats and ship-to-coast.
Channel 13 – Navigation purposes at bridges, locks, and harbors.
Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other vessels. Contact the other vessel, agree to another channel, and then switch.
Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.
Channels 68, 69, 71, 72 & 78A – Recreational boat channels.

Distress Call Procedures

1. Make sure radio is on.
2. Select Channel 16.
3. Press/Hold the transmit button.
4. Clearly say: "MAYDAY, MAYDAY, MAYDAY."
5. Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
6. Release transmit button.
7. Wait for 10 seconds – If no response Repeat MAYDAY Call.

HAVE ALL PERSONS PUT ON LIFE JACKETS !!

Mobile Phones – Call 911 for water rescue.
Coast Guard Group Mobile – 251-441-6211
Coast Guard Panama City – 850-234-2475
FL Fish and Wildlife Conservation Comm – 888-404-3922
Coast Guard Atlantic Area Cmd – 757-398-6390

NOAA Weather Radio – 162.400 MHz, 162.425 MHz, 162.450 MHz, 162.475 MHz, 162.500 MHz, 162.525 MHz, 162.550 MHz.

Getting and Giving Help – Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.

NOAA, The Nation's Chartmaker

NOAA CHARTING PUBLICATIONS

Official NOAA Nautical Charts – NOAA surveys and charts the national and territorial waters of the U.S, including the Great Lakes. We produce over 1,000 traditional nautical charts covering 3.4 million square nautical miles. Carriage of official NOAA charts is mandatory on the commercial ships that carry our commerce. They are used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters. NOAA charts are available from official chart agents listed at: www.NauticalCharts.NOAA.gov.

Official Print-on-Demand Nautical Charts – These full-scale NOAA charts are updated weekly by NOAA for all Notice to Mariner corrections. They have additional information added in the margin to supplement the chart. Print-on-Demand charts meet all federal chart carriage regulations for charts and updating. Produced under a public/private partnership between NOAA and OceanGrafix, LLC, suppliers of these premium charts are listed at www.OceanGrafix.com.

Official Electronic Navigational Charts (NOAA ENCs®) – ENCs are digital files of each chart's features and their attributes for use in computer-based navigation systems. ENCs comply with standards of the International Hydrographic Organization. ENCs and their updates are available for free from NOAA at www.NauticalCharts.NOAA.gov.

Official Raster Navigational Charts (NOAA RNCs™) – RNCs are geo-referenced digital pictures of NOAA's charts that are suitable for use in computer-based navigation systems. RNCs comply with standards of the International Hydrographic Organization. RNCs and their updates are available for free from NOAA at www.NauticalCharts.NOAA.gov.

Official BookletCharts™ – BookletCharts™ are reduced scale NOAA charts organized in page-sized pieces. The "Home Edition" can be downloaded from NOAA for free and printed. The Internet address is www.NauticalCharts.gov/bookletcharts.

Official PocketCharts™ – PocketCharts™ are for beginning recreational boaters to use for planning and locating, but not for real navigation. Measuring a convenient 13" by 19", they have a 1/3 scale chart on one side, and safety, boating, and educational information on the reverse. They can be purchased at retail outlets and on the Internet.

Official U.S. Coast Pilot® – The Coast Pilots are 9 text volumes containing information important to navigators such as channel descriptions, port facilities, anchorages, bridge and cable clearances, currents, prominent features, weather, dangers, and Federal Regulations. They supplement the charts and are available from NOAA chart agents or may be downloaded for free at www.NauticalCharts.NOAA.gov.

Official On-Line Chart Viewer – All NOAA nautical charts are viewable here on-line using any Internet browser. Each chart is up-to-date with the most recent Notices to Mariners. Use these on-line charts as a ready reference or planning tool. The Internet address is www.NauticalCharts.gov/viewer.

Official Nautical Chart Catalogs – Large format, regional catalogs are available for free from official chart agents. Page size, state catalogs are posted on the Internet and can be printed at home for free. Go to http://NauticalCharts.NOAA.gov/mcd/ccatalogs.htm.

Internet Sites: www.NauticalCharts.NOAA.gov, www.NOAA.gov, www.TidesandCurrents.NOAA.gov, www.NOS.NOAA.gov.